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@InProceedings{REIS2020,
    author="dos Reis, Alexandre Soares
    and Gielen, Elien
    and Wopereis, Ko
    and Pasternak, Marcel
    and Sooäär, Vaido
    and Schneider, Tobias
    and Duarte, Abel J.
    and Malheiro, Benedita
    and Justo, Jorge
    and Ribeiro, Cristina
    and Silva, Manuel F.
    and Ferreira, Paulo
    and Guedes, Pedro",
    editor="Silva, Manuel F.
    and Luís Lima, José
    and Reis, Luís Paulo
    and Sanfeliu, Alberto
    and Tardioli, Danilo",
    title="Smart Companion Pillow -- An EPS@ISEP 2019 Project",
    booktitle="Robot 2019: Fourth Iberian Robotics Conference",
    year="2020",
    publisher="Springer International Publishing",
    address="Cham",
    pages="465--476",
    abstract="This paper describes the design and development of a Smart
Companion Pillow, named bGuard, designed by a multinational and
multidisciplinary team enrolled in the European Project Semester (EPS) at
Instituto Superior de Engenharia do Porto (ISEP) in the spring of 2019.
Nowadays, parents spend most of the day at work and become naturally worried
about the well-being of their young children, specially babies. The aim of
bGuard is to provide a 24-hour remotely accessible baby monitoring service,
contributing to reduce parenting stress. The team, based on the survey of
related products, as well as on marketing, sustainability, ethics and
deontology analyses, developed a remotely interactive Smart Companion Pillow
to monitor the baby's health and room air quality. The collected data, once
it is saved on an Internet of Things (IoT) platform, becomes remotely
accessible. The bGuard pillow, thanks to its shape, reduces the risk of the
baby rolling from back to tummy, lowering the risk of Sudden Infant Death
Syndrome (SIDS).",
    isbn="978-3-030-36150-1"
}

@article{LEE2018,
    title = "Design and Implementation of Monitoring System Architecture for
Smart Bicycle Platform",
    journal = "Procedia Computer Science",
    volume = "134",
    pages = "464 - 469",
    year = "2018",
    note = "The 15th International Conference on Mobile Systems and
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Pervasive Computing (MobiSPC 2018) / The 13th International Conference on
Future Networks and Communications (FNC-2018) / Affiliated Workshops",
    issn = "1877-0509",
    doi = "https://doi.org/10.1016/j.procs.2018.07.182",
    url =
"http://www.sciencedirect.com/science/article/pii/S1877050918311475",
    author = "YeongKyun Lee and Jongpil Jeong",
    keywords = "Remote monitoring, Wireless sensor network, Smart phone
based monitoring, Bicycle monitoring",
    abstract = "This paper proposes the smart phone as a central monitoring
device for the bicycle and the WIFI network as a communication channel
between the smart phone and the sensors. It will show how to implement the
sensor boards with WIFI and relevant firmware, the software on the smart
phone to communicate with the sensor boards and the evaluation results with
the open source software called Goldencheetah. The knowledge in this paper
is not limited to bicycles but can be expanded to any other monitoring
systems using the remote sensors based on smart phone."
}

@article{RANJITH2020,
    title = "Prediction of Exhaust Gas Emission characteristics using Neem
oil blended bio- diesel in diesel engine",
    journal = "Materials Today: Proceedings",
    volume = "21",
    pages = "870 - 875",
    year = "2020",
    note = "International Conference on Recent Trends in Nanomaterials for
Energy, Environmental and Engineering Applications",
    issn = "2214-7853",
    doi = "https://doi.org/10.1016/j.matpr.2019.07.706",
    url =
"http://www.sciencedirect.com/science/article/pii/S2214785319329116",
    author = " Ranjith and V. Velmurugan and S. Thanikaikarasan",
    keywords = "Accelerometer, Diesel engine, Neem oil, Renewable,
Alternative, Viscosity, Volatility",
    abstract = "As a renewable, sustainable and alternative fuel for diesel
engine, biodiesel instead of diesel has been increasingly fuelled to study
its effects on engine performances and emissions. Biodiesel production is a
modern and technological area for researchers due to constant increase in
the prices of petroleum, diesel, and environmental advantages. Increased
environmental awareness and depletion of resources are driving industry to
develop viable alternative fuels from renewable resources that are
environmentally more acceptable. Neem oil is a potential alternative fuel.
The most detrimental properties of neem oils are its high viscosity and low
volatility, and these cause several problems during their long duration
usage in diesel engines. From the review it is found that the use of
biodiesel leads to the substantial reduction in CO2, HC, CO and NOx
emissions."
}

@article{SOBHANI2018,
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    title = "Impact of smartphone distraction on pedestrians crossing
behaviour: An application of head-mounted immersive virtual reality",
    journal = "Transportation Research Part F: Traffic Psychology and
Behaviour",
    volume = "58",
    pages = "228 - 241",
    year = "2018",
    issn = "1369-8478",
    doi = "https://doi.org/10.1016/j.trf.2018.06.020",
    url =
"http://www.sciencedirect.com/science/article/pii/S1369847818300998",
    author = "Anae Sobhani and Bilal Farooq",
    keywords = "Head-mounted immersive virtual reality, Pedestrian,
Distracted street crossing, Multi-tasking, Smartphone use, Surrogate
analysis, Smart LED lights safety treatment",
    abstract = "A novel head-mounted virtual immersive/interactive reality
environment (VIRE) is utilized to evaluate the behaviour of participants in
three pedestrian road crossing conditions while 1) not distracted, 2)
distracted with a smartphone, and 3) distracted with a smartphone with a
virtually implemented safety measure on the road. Forty-two volunteers
participated in our research who completed thirty successful (complete
crossing) trials in blocks of ten trials for each crossing condition. For
the two distracted conditions, pedestrians are engaged in a maze-solving
game on a virtual smartphone, while at the same time checking the traffic
for a safe crossing gap. For the proposed safety measure, smart flashing and
color changing LED lights are simulated on the crosswalk to warn the
distracted pedestrian who initiates crossing. Surrogate safety measures as
well as speed information and distraction attributes such as direction and
orientation of participants head were collected and evaluated by employing a
Multinomial Logit (MNL) model. Results from the model indicate that females
have more dangerous crossing behaviour especially in distracted conditions;
however, the smart LED treatment reduces this negative impact. Moreover, the
number of times and the percentage of duration the head was facing the
smartphone during a trial and a waiting time respectively increase the
possibility of unsafe crossings; though, the proposed treatment reduces the
safety crossing rate. Hence, our study shows that the smart LED light safety
treatment indeed improves the safety of distracted pedestrians and enhances
the successful crossing rate."
}

@article{OBAYASHI2020,
    title = "Pilot and Feasibility Study on Elderly Support Services Using
Communicative Robots and Monitoring Sensors Integrated With Cloud Robotics",
    journal = "Clinical Therapeutics",
    year = "2020",
    issn = "0149-2918",
    doi = "https://doi.org/10.1016/j.clinthera.2020.01.001",
    url =
"http://www.sciencedirect.com/science/article/pii/S0149291820300278",
    author = "Kazuko Obayashi and Shigeru Masuyama",
    keywords = "activities of daily living, cloud robotics, communicative
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robot, elderly care, robotics utilization, support services",
    abstract = "Purpose
    This pilot before-after study investigated the possible effects of
communicative robots, used with a sensing system supported by cloud
robotics, in caring for elderly people.
    Methods
    Two elderly women in nursing homes and 4 care workers participated in
the trial. The overnight life rhythm assessments of the study participants
and care workers were surveyed to determine when and how the robots should
be integrated into care. The system consisted of the robot Sota, a
noncontact vital sensor and a sheet-shaped bed sensor. Real-time sensing
data and conversations between the participants and robots were sent to the
servers, prompting a quick verbal response by the robot supported by cloud
robotics.
    Findings
    Care workers devoted 3 h to the maintenance of records during their most
stressful periods. Automatic recording of vital information using robot
sensors can improve the quality of nursing care work. Care workers' stress
levels were maximized when responding to nurse calls. Temporary responses to
nurse calls by the robots may help to effectively reduce the burden on
nursing care workers. Robots can stimulate elderly people to communicate
more with others (P < 0.05). Appropriate vocalization by communicative
robots may prevent the deterioration of quality of life in elderly
individuals.
    Implications
    Communicative robots, used with a sensing system, may stimulate elderly
people to activate a communication link with others and help care workers to
effectively reduce the burden during the night shift. A follow-up study
involving a broader research program on communicative robots and elderly
care would be beneficial."
}

@article{THAPA2019,
    title = "Study on the wintry thermal improvement of makeshift shelters
built after Nepal earthquake 2015",
    journal = "Energy and Buildings",
    volume = "199",
    pages = "62 - 71",
    year = "2019",
    issn = "0378-7788",
    doi = "https://doi.org/10.1016/j.enbuild.2019.06.031",
    url =
"http://www.sciencedirect.com/science/article/pii/S0378778819306309",
    author = "Rita Thapa and Hom Bahadur Rijal and Masanori Shukuya and
Hikaru Imagawa",
    keywords = "Nepal, Earthquake, Temporary shelters, Indoor air
temperature, Thermal insulation, Thermal improvement",
    abstract = "After massive earthquake 2015, thousands of Nepalese who
lost their permanent houses by the hardest hits were forced to live in
makeshift temporary shelters. The field measurement on indoor thermal
environment in five shelters was conducted in one of the district hit by the
```

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earthquake, Lalitpur, in winter. The mean indoor and outdoor air
temperatures during the measured nighttime were found to be 10.3 °C and 7.6
°C, respectively, and the nocturnal indoor air temperature remained below
the lowest acceptable temperature of 11 °C. This result assured that these
shelters are not good for winter and must create various problems. We
therefore analyzed the thermal characteristics of those shelters based on
the measured results in order to seek a possible improvement. The total heat
loss coefficient estimated per floor area in five shelters ranged from 11.3
to 15.2 W/(m2·K); that is thermal insulation was very low. We made a simple
numerical analysis on the variation of indoor air temperature with the
assumption of improved thermal characteristics and thereby found that it
needs to be reduced about 2~7 W/(m2·K) to have the indoor air temperature
higher than 11 °C for 70\% of the whole nocturnal hours. Such reduction of
heat loss was found to be realized by adding affordable materials, e.g.,
cellular polyethylene foam and clothes for respective walls and roof. Thus,
the knowledge obtained from this study should hopefully be applied to actual
improvement of indoor thermal environment in existing shelters and also to a
development for the preparation against future disaster."
}

@MISC{gartner2021,
  author  = "{Gartner}",
  title   = "{Gartner Magic Quadrant for Data Science and Machine Learning
Platforms}",
  url     = "{https://www.gartner.com/en/documents/3998753}",
  urldate = "{March 2021}",
  year    = "{2021}",
  address = "{[Accessed in April 2021]}",
}

@MISC{android41,
  author  = "{Android Open Source Project}",
  title   = "{Android Developers: Android 4.1 APIs}. January 2015. [Accessed
in April, 2017]",
  url     =
"{http://developer.android.com/about/versions/android-4.1.html}",
  urldate = "{May 2014}",
  year    = "{2014}",
  address = "{[Accessed in April 2017]}",
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@MISC{cloudexpo2008,
  AUTHOR  = "{Cloud Expo}",
  title   = "{Twenty-One Experts Define Cloud Computing}",
  url     = "{http://cloudcomputing.sys-con.com/node/612375}",
  urldate = "{October 2013}",
  year    = "{2008}",
  address = "{[Accessed in April 2021]}",
}

@BOOK{bandyopadhyay2013unsupervised,
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```
  title={Unsupervised Classification: Similarity Measures, Classical and
Metaheuristic Approaches, and Applications},
  author={Bandyopadhyay, Sanghamitra and Saha, Sriparna},
  year={2013},
  isbn={978-3-642-32450-5},
  publisher={Springer},
  address = {Berlin, Germany},
  doi = {10.1007/978-3-642-32451-2}
}


@ARTICLE{llorente2009virtual,
  author  ="{Sotomayor, B. and Montero, Ruben S. and Llorente, I.M. and
Foster, I.}",
  journal ="Internet Computing, IEEE",
  title   ="{Virtual Infrastructure Management in Private and Hybrid
Clouds}",
  year    ="{2009}",
  month   ="{Sept}",
  volume  ="{13}",
  number  ="{5}",
  pages   ="{14-22}",
  abstract = {One of the many definitions of "cloud" is that of an
infrastructure-as-a-service (IaaS) system, in which IT infrastructure is
deployed in a provider's data center as virtual machines. With IaaS clouds'
growing popularity, tools and technologies are emerging that can transform
an organization's existing infrastructure into a private or hybrid cloud.
OpenNebula is an open source, virtual infrastructure manager that deploys
virtualized services on both a local pool of resources and external IaaS
clouds. Haizea, a resource lease manager, can act as a scheduling back end
for OpenNebula, providing features not found in other cloud software or
virtualization-based data center management software.},
  doi = {10.1109/MIC.2009.119}
}

@article{Mulder2013428,
    title = "Development of a Motion System for an Advanced Sailing
Simulator ",
    journal = "Procedia Engineering ",
    volume = "60",
    number = "0",
    pages = "428 - 434",
    year = "2013",
    note = "6th Asia-Pacific Congress on Sports Technology (APCST) ",
    issn = "1877-7058",
    doi = "http://dx.doi.org/10.1016/j.proeng.2013.07.030",
    url =
"http://www.sciencedirect.com/science/article/pii/S1877705813010813",
    author = "Fabian A. Mulder and Jouke C. Verlinden",
    keywords = "Sailing",
    keywords = "Dinghy",
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    keywords = "Virtual reality",
    keywords = "Training simulation",
    keywords = "Force feedback",
    abstract = "Abstract To train competitive sailing in a virtual setting,
motion of the boat as well as haptic feedback of the sail lines is
essential. When discussing virtual environments (VEs) the concept of
presence is often used. In this study we develop a sailing simulator motion
system to research what factors contribute to the participants' sensation of
presence when sailing in a VE. The developed simulator includes the
development of a mainsheet force feedback system and a novel motion
platform, connected to a high-quality graphics sailing simulation. In future
research, the developed system will be used to study which sail training
type can be performed in simulated environments, and if the system can be
used as a valid testbed for perception-action experiments."
}

@MISC{data_2022,
  AUTHOR  = "{Our World Data}",
  title   = "{Population growth during all the human history}",
  url     = "{https://ourworldindata.org/grapher/population}",
  urldate = "{February 2023}",
  year    = "{2022}",
  address = "{[Accessed in February 2023]}",
}
@MISC{dataworldbank_2022,
  AUTHOR  = "{The World Bank}",
  title   = "{Population growth the last 70 years}",
  url     = "{https://data.worldbank.org/indicator/SP.POP.TOTL}",
  urldate = "{February 2023}",
  year    = "{2021}",
  address = "{[Accessed in February 2023]}",
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@MISC{pickford_2021,
title={Tiny living space in Japan: How to make the most of a small home},
url={https://gogonihon.com/en/blog/tiny-living-spaces-in-japan-how-to-live-i
n-a-little-space/},
journal={Go! Go! Nihon},
author={Pickford, Lucy},
year={2021}
}

@MISC{nations_2022,
title={Welcome to the United Nations},
url={https://www.un.org/development/desa/publications/2018-revision-of-world
-urbanization-prospects.html},
journal={United Nations Website},
author={Nations, United},
year={2018}
}
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@article{aachen2019,
title = {Introducing a methodology for smartification of products in
manufacturing industry},
journal = {Procedia CIRP},
volume = {81},
pages = {228-233},
year = {2019},
note = {52nd CIRP Conference on Manufacturing Systems (CMS), Ljubljana,
Slovenia, June 12-14, 2019},
issn = {2212-8271},
doi = {https://doi.org/10.1016/j.procir.2019.03.040},
url = {https://www.sciencedirect.com/science/article/pii/S2212827119303452},
author = {Günther Schuh and Violett Zeller and Jan Hicking and Anne
Bernardy},
keywords = {Smart products, digital technologies, smartification, product
development process},
abstract = {Smartification and digital refinement of products to enable the
design of smart ones is a pivotal challenge in the manufacturing industry.
Companies fail to design smart products due to missing knowledge of digital
technologies and their integral part in product development processes. This
paper presents a methodology that enables the derivation of digital
functions for smart products through selected cases in manufacturing usage.
We develop a morphology that consists of digital functions for
smartification. In this context, we explained and derived characteristics by
a set of examples regarding smart products in the manufacturing industry.
Our methodology reduces the time spent initiating a development project with
the focus on smartification.}
}

@MISC{office_2023,
title={The Herman Miller Aeron Chair: A Design Classic},
url={https://www.hermanmiller.com/products/seating/office-chairs/aeron-chair
s/},
journal={Office Chairs - Herman Miller},
author={Herman Miller},
author={Herman Miller Inc.},
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{altwork_2023,
title={The Altwork Station: A Revolutionary Desk and Chair System for
Professionals},
url={https://altwork.com/},
journal={Altwork},
author={Altwork},
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{steelcase_2023,
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title={The Steelcase Gesture Chair: A Highly-Adjustable Office Chair for
Ultimate Comfort},
url={https://www.steelcase.com/products/office-chairs/gesture/},
journal={Steelcase},
author="{Steelcase Inc.}",
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{vari_2023,
title={The Varidesk ProDesk 60 Electric: A Sit-Stand Desk That Adapts to
Your Needs},
url={https://www.vari.com/eu/en},
journal={Varidesk},
author="{Varidesk LLC.}",
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{ikawa_2023,
title={Kelvin Home Coffee Roaster},
url={https://www.ikawacoffee.com/products/kelvin-home-coffee-roaster},
journal={Ikawa},
author="{Ikawa Ltd.}",
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{herman_miller_2023,
title={Live OS: A Smart Furniture System for the Modern Workplace},
url={https://www.hermanmiller.com/products/workspaces/desks-tables/live-
os/},
journal={Herman Miller},
author="{Herman Miller Inc.}",
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{oriliving_2023,
title={Ori Expandable Apartments},
url={https://www.oriliving.com/},
journal={Ori Living},
author="{Ori Design Studio}",
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{sobro_2023,
title={The Sobro Smart Coffee Table: A Centerpiece for the Modern Living
Room},
url={https://sobrodesign.com/products/sobro-coffee-table},
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journal={Sobro},
author={StoreBound LLC.},
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{koble_2023,
title={Smart Desks},
url={https://kobledesigns.com/product-category/home-office/smart-desks/},
journal={Koble Designs},
author={Koble Designs},
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{ikea_2023,
title={SYMFONISK Table Lamp with WiFi Speaker},
url={https://www.ikea.com/us/en/p/symfonisk-speaker-lamp-w-wi-fi-glass-shade
-white-s79478292/},
journal={IKEA},
author={Inter IKEA Systems B.V.},
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{Humanscale_2023,
title={Float Table},
url={https://www.humanscale.com/products/standing-desks/float-table},
journal={Humanscale},
author={Humanscale},
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{Varidesk_2023,
title={Pro Plus 36},
url={https://www.vari.com/eu/en/sit-stand-converter-varidesk-pro-plus-36/DC-
PP36.html},
journal={Varidesk},
author="{Varidesk LLC}",
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{Fellowes_2023,
title={Professional Series Back Support.},
url={https://www.fellowes.com/us/en/products/product-
details.aspx?prod=803760},
journal={Fellowes Brands},
author="{Fellowes Brands}",
year={2023},
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address = "{[Accessed in March 2023]}",
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@misc{urbanareas,
    author = {Hannah Ritchie and Max Roser},
    title = {Urbanization},
    journal = {Our World in Data},
    year = {2018},
    url = {https://ourworldindata.org/urbanization},
    address = "{[Accessed in March 2023]}",
}

@MISC{smarthomemarket_2021,
title={Smart Home Market - Global Forecast to 2026},
url={https://www.marketsandmarkets.com/Market-Reports/smart-homes-and-assisted-living-advanced-technologie-and-global-market-121.html},
journal={MarketsandMarkets},
author="{MarketsandMarkets}",
year={2021},
address = "{[Accessed in March 2023]}",
}

@MISC{japanpopulation,
title={Japan: Urban and rural population},
url={https://www.statista.com/statistics/610763/japan-urban-rural-population/},
journal={Statista},
author={Statista},
year={2023},
address = "{[Accessed in March 2023]}",
}

@MISC{statista_2022,
title={Smart Home - Americas: Statista market forecast},
url={https://www.statista.com/outlook/dmo/smart-home/americas},
journal={Statista},
author={Team, Statista},
year={2022}
}

@InCollection{Brennan2022,
author={Brennan, Andrew and Lo, Norva Y. S.},
title={Environmental Ethics},
booktitle={The {Stanford} Encyclopedia of Philosophy},
editor={Edward N. Zalta},
howpublished={{\url{https://plato.stanford.edu/archives/sum2022/entries/ethics-environmental/}}},
year={2022},
edition={{S}ummer 2022},
publisher={Metaphysics Research Lab, Stanford University}
}
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@article{environment_2022
title="Environmental ethics, green innovation, and sustainable performance: Exploring the role of environmental leadership and environmental strategy",
journal="Journal of Cleaner Production",
volume="378",
year="2022",
issn="0959-6526",
doi="https://doi.org/10.1016/j.jclepro.2022.134639.",
url="(https://www.sciencedirect.com/science/article/pii/S0959652622042111)",
author="Junaid Aftab, Nabila Abid, Huma Sarwar, Monica Veneziani",
keywords="Environmental ethics; Green innovation; Social performance; Economic performance; Environmental performance; Manufacturing industry",
abstract="The environmental pollution and degradation of natural resources issues are worsening with every passing day and companies need to take immediate action to save the environment. Due to this reason, the current study intended to explore the mediating role of green innovation in corporate environmental ethics and sustainable performance relationship. Additionally, multiple moderating effects 1). Environmental leadership in corporate environmental ethics and green innovation relationship, 2). Environmental strategy in green innovation and sustainable performance nexus was also explored. The multisource data (N = 404) were collected from the managerial-level employees of manufacturing companies in Pakistan using the survey method. We used the “structural equation modeling” technique to examine the proposed hypotheses. The results demonstrated that green innovation mediates the relationship between corporate environmental ethics and sustainable performance (social, economic, and environmental). In addition, environmental leadership positively moderates corporate environmental ethics and green innovation nexus. Furthermore, environmental strategy strengthens the green innovation effect on environmental and economic performance. Overall, the study findings supported almost all direct, indirect, and moderating hypotheses and provided some novel theoretical and practical implications."
}

@MISC{tutorialspoint,
title={Engineering Ethics - Introduction},
url={https://www.tutorialspoint.com/engineering_ethics/engineering_ethics_introduction.htm},
journal={Tutorialspoint},
author="{unknown}",
year={unknown},
address = "{[Accessed in March 2023]}",
}

@MISC{sale_ethics,
title={8 Ethical Behaviors to Live and Sell by in Sales},
url={https://blog.hubspot.com/sales/sales-ethics},
journal={blog.hubspot},
author="{Lestraundra Alfred}",
year={2019},
```

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address = "{[Accessed in March 2023]}",
}

@MISC{leaflet,
title={Leaflet},
url={https://www.360imprimir.pt/flyers?id=195595&promo=G15PT195595&campaignid=335492382&adgroupid=1218259387005610&creative=&keyword=leaflets&matchtype=p&adposition=&network=o&placement=&target=&targetid=kwd-76141591047785:loc-136812&device=c&year=&week=&gclid=d89676218b5a1d5d7f8a121b1713e8c2&gclsrc=3p.ds&&campaignid=335492382&adgroupid=1218259387005610&creative=&keyword=leaflets&matchtype=p&adposition=&network=o&placement=&target=&targetid=kwd-76141591047785:loc-136812&device=c&year=&week=&msclkid=d89676218b5a1d5d7f8a121b1713e8c2&utm_source=bing&utm_medium=cpc&utm_campaign=11.F02.01.03.%20pt-PT%20-%20Generic%20-%20Flyers%20%5BPhrase%5D%20-%20Offset&utm_term=leaflets&utm_content=03.%20Generic%20-%20Flyers%20-%20Leaflets%20%5BPhrase%5D%20-%20Head%20-%20Offset
},
journal={360imprimir},
author={Company, 360imprimir},
year={2023}
}

@MISC{instagram_ad,
title={Instagram business},
url={https://business.instagram.com/advertising?locale=es_LA},
journal={Instagram},
author={Company, Instagram},
year={2023}
}

@MISC{facebook_ad,
title={Facebook business},
url={https://www.facebook.com/business/ads},
journal={Facebook},
author={Company, Facebook},
year={2023}
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@MISC{tiktok_ad,
title={Guia completa sobre como anunciarse en tiktok},
url={https://www.iebschool.com/blog/tiktok-ads-la-guia-completa-sobre-como-anunciarse-en-tiktok-redes-sociales/#:~:text=Seg%C3%BAn%20los%20datos%20de%20la%20plataforma%20de%20env%C3%ADo,anuncio%2C%20el%20p%C3%BAblico%20y%20el%20m%C3%A9todo%20de%20puja.
},
journal={iebschool},
author={iebschool},
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title={Cuanto cuesta anunciarse en snapchat},
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En,m%C3%ADnima%20diaria%20en%20Snapchat%20Ads%20cuesta%205%20euros.
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journal={alucare},
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20costo%20de,alcanza%20un%20video%2C%20m%C3%A1s%20dinero%20pagar%C3%A1%20el%
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@MISC{posters,
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@MISC{paulo2021,
  author  = "{Paulo Peças, Uwe Götze, Rita Bravo, Fanny Richter, Inês
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  title   = "{ Advanced Applications in
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@MISC{paulo2021,
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@book{10.2307/j.ctt1d2dpw4,
 ISBN = {9780814437360},
 URL = {http://www.jstor.org/stable/j.ctt1d2dpw4},
 abstract = {Fundamentals of Project Managementhas helped generations of
project managers navigate the ins and outs of every aspect of this complex
discipline. But much has changed in recent years. Fully updated in
accordance with the latest version of the Project Management Body of
Knowledge (PMBOK®), the fifth edition of this classic text remains the
perfect introduction to the subject, showing readers how to: Clarify project
goals and objectives • Develop a work breakdown structure • Create a project
risk plan • Produce a realistic schedule • Manage change requests • Control
and evaluate progress at every stage • Lead the project team The book
contains new information and expanded coverage on topics including
estimating; stakeholder management; procurement management; creating a
communication plan; project closure; requirements for PMP certification; and
much more. Chock full of tools, techniques, examples, and instructive
exercises, this up-to-the-minute guide will help you plan and execute
projects on time, on budget-and with maximum efficiency.},
 author = {JOSEPH HEAGNEY},
 edition = {5},
 publisher = {AMACOM Division of American Management Association
International},
 title = {Fundamentals of Project Management},
 year = {2016}
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@misc{ WIKIPEDIA2021,
    author = "{Wikipedia contributors}",
    title = "Our Common Future --- {Wikipedia}{,} The Free Encyclopedia",
    year = "2021",
    url = "https://en.wikipedia.org/wiki/Our_Common_Future},
    address = "{[Accessed in April 2023]"
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@misc{ALBERTA2018,
    author = {University of Alberta},
    title = {What is sustainability?},
    year = {2018}
    url =
{https://www.mcgill.ca/sustainability/files/sustainability/what-is-sustainab
ility.pdf},
    urldate = {2021-04-01},
    address = "{[Accessed in April 2023]}"
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@book{WALKER2006,
title = "Sustainable by Design: Explorations in Theory and Practice.",
author = "Stuart Walker",
note = "This monograph is the result of ten years research, theoretical
exploration and conceptual design in the author's principal research area -
sustainability and product design. It remained for many weeks in the top 10
environmental books of Amazon.com, and on the publisher's bestsellers list,
and has gone into a second printing. Through critique, reasoned argument,
and reflective, propositional design, it builds the case for fundamental
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systemic change in our conceptions of products, production and our notions
of and relationships with material culture. Its originality lies in: a) its
design-centred approach whereby conceptual design is an integral and
essential element of the research methodology; 'designing' is part of the
research process and conceptual artefacts are essential to the ongoing
critical process, rather than, more conventionally, where designed artefacts
are the end result of a process, and b) the critical arguments, informed by
designing, step beyond the traditional areas of concern ' such as energy and
materials efficiencies and life cycle assessment to embrace social,
philosophical, religious and subjective/intuitive considerations. The work
is significant as it consolidates and develops the author's extensive
research and scholarly publications, and it has been highly influential in
leading to many keynote addresses, specifically the Donck Sessions,
Rotterdam, June 2007 - three keynote talks and an evening workshop to 45 top
business leaders in The Netherlands; guest consultant and book signing at
100% Design at Earl's Court, London, September 2007; a keynote addresses at
Arizona State University, Octoer 2007; and a public lecture and workshop at
the University of Eindhoven, Oct. 2007. This book also led to an invitation
to contribute a chapter to Designers, Visionaries and Other Stories,
Earthscan/James and James Science Publishers, 2007. It was reviewed in the
e-journal 'Value Created Review', Canada's e-journal for contemporary
furniture design and sustainable SMEs
http://www.valuecreatedreview.com/news89.htm accessed: September 26th 2006
RAE_import_type : Authored book RAE_uoa_type : LICA",
year = "2006",
language = "English",
isbn = "978-1844073535",
publisher = "Earthscan / James and James Science Publishers, London",
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@Article{LU2014,
  author    = {Lu, J. and Cui, H. and Bragança, Luís and Vieira, Susana M.
and Andrade, Joana B.},
  journal   = {The Scientific World Journal},
  title     = {Early Stage Design Decisions: The Way to Achieve Sustainable
Buildings at Lower Costs},
  year      = {2014},
  issn      = {2356-6140},
  pages     = {365364},
  volume    = {2014},
  abstract  = {The construction industry attempts to produce buildings with
as lower environmental impact as possible. However, construction activities
still greatly affect environment; therefore, it is necessary to consider a
sustainable project approach based on its performance. Sustainability is an
important issue to consider in design, not only due to environmental
concerns but also due to economic and social matters, promoting
architectural quality and economic advantages. This paper aims to identify
the phases through which a design project should be developed, emphasising
the importance and ability of earlier stages to influence sustainability,
performance, and life cycle cost. Then, a selection of sustainability key
indicators, able to be used at the design conceptual phase and able to start
predicting environmental sustainability performance of buildings is
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presented. The output of this paper aimed to enable designers to compare and evaluate the consequences of different design solutions, based on preliminary data, and facilitate the collaboration between stakeholders and clients and eventually yield a sustainable and high performance building throughout its life cycle.},
  doi       = {10.1155/2014/365364},
  publisher = {Hindawi Publishing Corporation},
  url       = {https://doi.org/10.1155/2014/365364},
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@misc{MDC2019,
    author = {MDC-UM},
    title = {Sustainable Furniture in Modern World},
    year = 2019,
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{https://mdc-um.com/how-to-find-eco-friendly-sustainable-furniture-in-the-modern-world/},
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@misc{IKEA2020,
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{https://about.ikea.com/en/sustainability/value-chain-climate-footprint#:~:text=By%20turning%20wood%20waste%20from,energy%20for%20the%20many%20people.},
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@incollection{PECAS2019,
title = {Chapter 1 - Methodology for Selection and Application of Eco-Efficiency Indicators Fostering Decision-Making and Communication at Product Level—The Case of Molds for Injection Molding},
editor = {Mangey Ram and J. {Paulo Davim}},
booktitle = {Advanced Applications in Manufacturing Enginering},
publisher = {Woodhead Publishing},
pages = {1-52},
year = {2019},
isbn = {978-0-08-102414-0},
doi = {https://doi.org/10.1016/B978-0-08-102414-0.00001-X},
url =
{https://www.sciencedirect.com/science/article/pii/B978008102414000001X},
author = {Paulo Peças and Uwe Götze and Rita Bravo and Fanny Richter and Inês Ribeiro},
keywords = {eco-efficiency, environment, indicator, injection molding, life cycle, sustainability, value},
abstract = {Eco-efficiency is a prominent as well as promising approach for fostering sustainability by assessing the environmental impact and value of companies’ activities simultaneously. A lot of indicators to assess both pillars—environmental and economic effects—are presented in different
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standards and guidelines. This chapter develops a methodology for selecting and applying indicators for the application of eco-efficiency to support decision-making, internal, and external communication at product level. The chapter starts with outlining the motivation and presenting a brief literature review as well as the intended contribution. Thereafter, the methodology for the stepwise selection of a manageable number of relevant and significant eco-efficiency indicators and the generation of the value and environmental profiles as well as eco-efficiency ratios of products are suggested. The methodology is developed against the background of the mold manufacturing and plastic injection molding sector. A case study referring to molds for injection molding demonstrates its application and results.}
}
@incollection{CUCEK2015,
title = {Chapter 5 - Overview of environmental footprints},
editor = {Jiří Jaromír Klemeš},
booktitle = {Assessing and Measuring Environmental Impact and Sustainability},
publisher = {Butterworth-Heinemann},
address = {Oxford},
pages = {131-193},
year = {2015},
isbn = {978-0-12-799968-5},
doi = {https://doi.org/10.1016/B978-0-12-799968-5.00005-1},
url = {https://www.sciencedirect.com/science/article/pii/B9780127999685000051},
author = {Lidija Čuček and Jiří Jaromír Klemeš and Zdravko Kravanja},
keywords = {Environmental footprints, Environmental indicators, Life cycle assessment, Multi-objective optimisation, Sustainable development, Total Footprints},
abstract = {With climate change and other negative environmental impacts, there is an increased interest in measuring and reducing environmental burdens. However, the question is how to measure and reduce environmental burdens. Recently, the researchers, organizations, policy-makers, and others are putting forth efforts to develop concepts and metrics measuring environmental sustainability. Among those concepts and metrics, environmental footprints are gaining increasing popularity and play an ever-increasing role in sustainability evaluation and research. Footprints have become ubiquitous for researchers, policy-makers, and the general public. Over the past years, carbon footprint has been used as an environmental protection indicator almost exclusively. Evaluations have moved to include a variety of other footprints; however, there is no generally accepted footprint or footprint family that represents the overall impact on the environment. This chapter gives an overview of environmental footprints as indicators defined to date (June 2014) that can be used to measure sustainability for environmental decision-making.}
}
@misc{MBN2020,
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efficiency/},
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title = {CHAPTER 13 - Rural and Developing Country Solutions},
editor = {Franklin J. Agardy and Nelson Leonard Nemerow},
booktitle = {Environmental Solutions},
publisher = {Academic Press},
address = {Burlington},
pages = {313-400},
year = {2005},
isbn = {978-0-12-088441-4},
doi = {https://doi.org/10.1016/B978-012088441-4/50015-0},
url =
{https://www.sciencedirect.com/science/article/pii/B9780120884414500150},
author = {Salah M. {El Haggar}},
abstract = {Publisher Summary
This chapter discusses some environmental solutions for rural communities
and developing countries. Most of the countries (developed and developing
countries) are working toward zero pollution not only in industrial sectors
but also in vehicle emissions to reduce the gaseous emissions to the
allowable limits, as well as other sectors such as construction sector and
agricultural sector. To approach zero pollution, the industry has to prevent
all pollutants from its effluent. One of the major problems facing
developing countries is the cost of environmental protection and its return.
The current practice of agricultural waste, municipal solid waste,
industrial waste, municipal waste water, etc., can be considered disastrous
all over rural communities and developing countries. Thus, any solution
should suit the rural communities and developing countries, and should
include the economical benefits, technological availability, and
environmental and social perspectives, to become sustainable. The
environmental and health impacts of landfill and incineration are becoming
more dangerous and disaster for developing countries and rural communities.
Establishing industrial ecology within the industrial activity will avoid
landfill, incineration, and treatment; can help in full utilization of raw
material; and consider the waste as a by-product.}
}
@incollection{GENT2017,
title = {Chapter Eight - Environmental Considerations of Torrefaction},
editor = {Stephen Gent and Michael Twedt and Christina Gerometta and Evan
Almberg},
booktitle = {Theoretical and Applied Aspects of Biomass Torrefaction},
publisher = {Butterworth-Heinemann},
pages = {185-202},
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isbn = {978-0-12-809483-9},
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{https://www.sciencedirect.com/science/article/pii/B9780128094839000087},
author = {Stephen Gent and Michael Twedt and Christina Gerometta and Evan
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Almberg},
keywords = {Torrefaction, Environmental implication, Life Cycle Analysis
(LCA), Torrefied biomass, Emission, Sustainability, Risk assessment},
abstract = {When considering any new technology, one must be cognizant of
the environmental implications of the technology once it is implemented.
This is especially important when pursuing technologies that can cause a
paradigm shift in producing energy and other products. If we explore the
history of game-changing technologies that have impacted the manner in which
societies live, work, and transport themselves, they all have had positive
and negative consequences. Examples of technologies that caused significant
paradigm shifts include motorized transportation, globalized manufacturing,
resource mining and harvesting, computing and communication, among others.}
}

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    author = {Invensis Learning},
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{https://www.invensislearning.com/articles/pmp/what-is-a-project-team-and-wh
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Performance and Resiliency},
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a-Black-Lift-up-Modern-Coffee-Table-Desk-Mechanism-Hardware-Fitting-
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    url =
{https://www.smestrategy.net/blog/stakeholder-engagement-in-your-strategic-plan-pt-1},
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@article{COVIDLIFESTYLE2021,
    author = {Barone Gibbs, B and Kline, C E and Huber, K A and Paley, J L and Perera, S},
    title = "{Covid-19 shelter-at-home and work, lifestyle and well-being in desk workers}",
    journal = {Occupational Medicine},
    volume = {71},
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@misc{BBC2021,
    author = {Philippa Fogarty, Simon Frantz, Javier Hirschfeld, Sarah
Keating, Emmanuel Lafont, Bryan Lufkin, Rachel Mishael, Visvak Ponnavolu,
Maddy Savage and Meredith Turits},
    title = {Coronavirus: How the world of work may change forever},
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emic-change-the-way-we-work},
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health and productivity.},
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{https://www.changeboard.com/article-details/16949/remote-working-from-home-
a-standing-desk-might-help-your-health-and-productivity-/},
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{https://kitchencabinetkings.com/glossary/solid-
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estimated, and successfully completed. This has proven incorrect in
practice. SCRUM assumes that the systems development process is an
unpredictable, complicated process that can only be roughly described as an
overall progression. SCRUM defines the systems development process as a
loose set of activities that combines known, workable tools and techniques
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