



Tecnológico de Monterrey

Nasa International Space Apps Challenge

Challenge: Exploring Venus Together

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Referencias y Bibliografía

- Sowale A., J. Kolios. et al (2018, June 1). *Thermodynamic analysis of a gamma type Stirling engine in an energy recovery system*. ScienceDirect. Retrieved October 2, 2022, from
<https://www.sciencedirect.com/science/article/pii/S0196890418303145?via%3Dihub>
- *Heat: An Agent of Change*. (n.d.). GENESIS, Search for Origins. Retrieved October 2, 2022, from <https://www.jpl.nasa.gov/galileo/images/galprobe.gif>
- *Energy Storage Technologies for Future Planetary Science Missions*. (2017, December). National Aeronautics and Space Administration. Retrieved October 2, 2022, from
<https://drive.google.com/drive/u/0/folders/1wn1F4EsDF7DLrYkInxWk1WguNt-tluHb>
- M Satyanarayana Gupta and Ekta Jha 2018 IOP Conf. Ser.: Mater. Sci. Eng. 455012041
- *Mars Science Laboratory Entry Capsule Aerothermodynamics and Thermal Protection System*. (n.d.). Researchgate.net. Retrieved October 2, 2022, from
https://www.researchgate.net/publication/224698910_Mars_Science_Laboratory_Entry_Capsule_Aerothermodynamics_and_Thermal_Protection_System
- (S/f). <https://doi.org/10.1029/ja085ia13p08232>. (s/f).
<https://doi.org/10.1029/JA085iA13p08232>
- Munevar, G. (2006). Venus and the end of the world. *Eidos*, 4.
<https://www.proquest.com/docview/1441704479?pq-origsite=gscholar&fromopenview=true>
- *La Atmósfera de Venus*. (s/f). Windows2universe.org. Recuperado el 2 de octubre de 2022, de <https://www.windows2universe.org/venus/atmosphere.html&lang=sp>

- Agirregabiria, M., & Perfil, V. T. mi. (s/f). Motor Stirling, bicentenario pero aún vigente. Agirregabiria.net. Recuperado el 2 de octubre de 2022, de <https://blog.agirregabiria.net/2021/01/motor-stirling-centenario-pero-aun.html>
- Spacecraft. (s/f). Nasa.gov. Recuperado el 2 de octubre de 2022, de <https://mars.nasa.gov/mars2020/spacecraft/overview/>
- What is Von Mises stress in FEA? (2018, diciembre 15). SimScale. <https://www.simscale.com/docs/simwiki/fea-finite-element-analysis/what-is-von-mises-stress/>
- Wikipedia contributors. (n.d.). *Motor Stirling*. Wikipedia, The Free Encyclopedia. https://es.wikipedia.org/w/index.php?title=Motor_Stirling&oldid=82689369
- Alonso, J. M. (2018, July 2). *Fibra de carbono para resistir 3.000 grados: la tecnología vasca para traer polvo de Marte*. El Confidencial. https://www.elconfidencial.com/tecnologia/2018-07-02/tecnalia-polvo-marte-fibra-carbono-3-000-grados-tecnologia-vasca_1584959/
- Barta, C. (2017, June 15). *Fibra de carbono: Información, estructura y propiedades*. CarboSystem. <https://carbosystem.com/fibra-de-carbono-2/>
- *Construcción y evaluación operacional de un motor Stirling a escala*. (n.d.). Edu.Co. Retrieved October 2, 2022, from <https://repository.unimilitar.edu.co/bitstream/handle/10654/32596/SalcedoJoyaYommaraStefanny-Serratopinz%C3%B3nXimenaCarolina2019.pdf?sequence=1&isAllowed=y>
- *DISEÑO Y CONSTRUCCION DE UN MOTOR STIRLING DE BAJO GRADIENTE DE TEMPERATURA*. (n.d.). Edu.Co. Retrieved October 2, 2022, from

<https://repositorio.uniandes.edu.co/bitstream/handle/1992/25595/u279383.pdf?sequence=1#:~:text=5.-,EL%20CICLO%20DE%20STIRLING%20PROPUESTO,en%20el%20cilindro%20un%20desplazador.>

- *El motor de Stirling.* (n.d.). Ehu.es. Retrieved October 2, 2022, from <http://www.sc.ehu.es/sbweb/fisica3/calor/stirling/stirling.html>
- Gomar, J. (2018, October 16). *Que es la célula Peltier y cómo funciona.* Profesional Review; Miguel Ángel Navas. <https://www.profesionalreview.com/2018/10/16/que-celula-peltier/>
- Planas, O. (2016, March 17). *¿Qué es y cómo funciona un motor Stirling? Ciclo y usos.* Solar-energia.net. <https://solar-energia.net/blog/motor-stirling>
- *PROYECTO MOTOR STIRLING.* (n.d.). Juntadeandalucia.Es. Retrieved October 2, 2022, from <https://www.juntadeandalucia.es/averroes/centros-tic/21700290/helvia/aula/archivos/repositorio/0/49/html/index.html>
- Sauser, B. (2009, July 20). New heat shield for mars rover. *Technology Review.* <https://www.technologyreview.com/2009/07/20/93909/new-heat-shield-for-mars-rover/>
- Sowale, A., Kolios, A. J., Fidalgo, B., Somorin, T., Parker, A., Williams, L., Collins, M., McAdam, E., & Tyrrel, S. (2018). Thermodynamic analysis of a gamma type Stirling engine in an energy recovery system. *Energy Conversion and Management*, 165, 528–540. <https://doi.org/10.1016/j.enconman.2018.03.085>

