

solar and space physics pdf

Background. Active stars produce disturbances in space weather with the field of heliophysics the science that studies such phenomena; itself primarily an interdisciplinary combination of solar physics and planetary science. In the Solar System, the Sun can produce intense geomagnetic and proton storms capable of causing severe damage to technology including but not limited to large scale power ...

List of solar storms - Wikipedia

Solar sails (also called light sails or photon sails) are a proposed method of spacecraft propulsion using radiation pressure exerted by sunlight on large mirrors. A useful analogy may be a sailing boat; the light exerting a force on the mirrors is akin to a sail being blown by the wind. High-energy laser beams could be used as an alternative light source to exert much greater force than would ...

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