SPH4U UNIVERSITY PHYSICS

ENERGY & MOMENTUM

Energy & Momentum in Space (P.~)









Propulsion in Space

The process of burning fuel is not the only way to generate thrust. One extremely efficient method involves an ion engine, such as the one shown. In an engine such as this, gas atoms are ionized and the resulting positive ions are driven backward by electrostatic repulsion. The thrust is quite low, but it can act steadily month after month, year after year, gradually increasing the velocity of the spacecraft.



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October 14, 2012 4U2

4U2 - Energy & Momentum in Space















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