

# OXYHYDROGEN PROPULSION DEVICE BASE ON WATER ELECTROLYSIS AND LREST ON COMPONENT $H_2 + O_2$ FOR CONTROL SYSTEM SS

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Object of research is perspective oxygen-hydrogen propulsion device light load spacecraft on base electrolysis waters and LREST on components  $H_{2g} + O_{2g}$ . The basic pneumatichydraulic scheme of propulsion device light load spacecraft is offered and comparison of variants of its execution on mass parametres is spent. The spatial electronic model of propulsion device light load spacecraft is developed.

*Small spacecraft (SS), oxyhydrogen propulsion device with water electrolysis (PD), power-mass characteristic, electrolytic group (EG), liquid rocket engine of small thrust (LREST)*

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