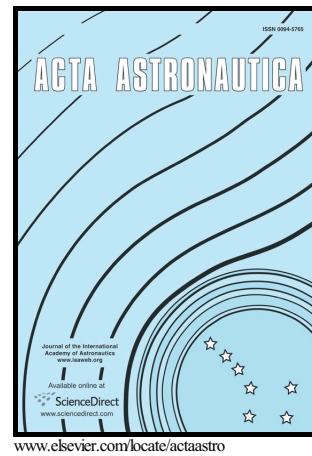


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Flow field Characteristics Analysis and Combustion Modes Classification for a Strut/Cavity Dual-Mode Combustor

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Abstract

Experimental and numerical study of a strut/cavity dual-mode combustor has been conducted in this paper. Under different fuel equivalence ratio and allocation proportion conditions, the pressure distribution and flow field structure of combustor show distinct characteristics. For strut fuel injecting at a low equivalence ratio, the luminosity images show that combustion zone distributes in the shear

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