

Abstract Submitted  
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**Development of Table-Top mirror trap for flute stabilization research** OMRI SEEMANN, ILAN BE'ERY, Technion Institute of Technology — Mirror traps might be viable candidates for fusion machines. These machines are technically and physically simple but suffer from the Rayleigh-Taylor-like flute instability. A new table top mirror machine was built in order to research ways to mitigate this instability. One possible solution for this problem which was researched in the past is using oscillatory fields. A description of the system and diagnostics, preliminary results and a review of the main mechanisms with which stabilization might occur are presented.

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