عنوان مقاله:

Study of real gas behavior in a single-stage gas gun

محل انتشار:

دهمین همایش انجمن هوافضای ایران (سال: 1389)

تعداد صفحات اصل مقاله: 2

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خلاصه مقاله:

In this paper, one-dimensional of a flow in a barrel of a single-stage gas gun is simulated. The compressible inviscid flow equations have been numerically solved by Roe method, by using moving boundaries. For assigned high accuracy used of the limiter function. For investigation of the real gas effect, has been used of the Noble-Able equation. The numerical results are compared with experimental data that are assigned from a transonic gas gun

کلمات کلیدی:

Gas gun-Roe-projectile-muzzle