

$$W_{S} = M, a_{1}$$

$$= a_{1} \left( \frac{r_{11}}{2r} \right) \left( \frac{P_{2}}{P_{1}} \right) + \frac{r_{-1}}{2r} \right)$$

$$= W_{S} \left( 1 - \frac{s}{s} \right)_{S}$$

$$=$$

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As the strongth of the shock in ie. Pepp , Ws is going Ws is always supersonic. Lim 1/2 - 1 (P/P)/2 (Yt) /2 / Z P2 - 100 /42 - (P/P)/2 (Y-1) / Y(Y11) A(n) M41