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arbitrary point to the sonic point is different for the Fanno and Rayleigh flow models.

Combustion processes.

Regenerator, Heat exchangers. Inter coolers. The following are the assumptions that are made for analyzing the such flow problem. One dimensional steady

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flow. Flow takes place in constant area duct. The frictional effects are negligible compared to heat transfer effects.. The gas is perfect. Body forces are negligible. There is no external shaft...

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mechanics that deals

with fluid flowthe

natural science of

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Compressibility factor is greater than one. 1.

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is discharged from a reservoir at $P_0 = 6.91$ bar and $T_0 = 325^\circ\text{C}$ through a nozzle to an exit pressure of 0.98 bar. If the flow rate is 3600 Kg/hr, determine throat area, pressure and velocity at the throat, exit area, exit Mach number and.

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