

UNENE Graduate Course
Reactor Thermal-Hydraulics
Design and Analysis

McMaster University

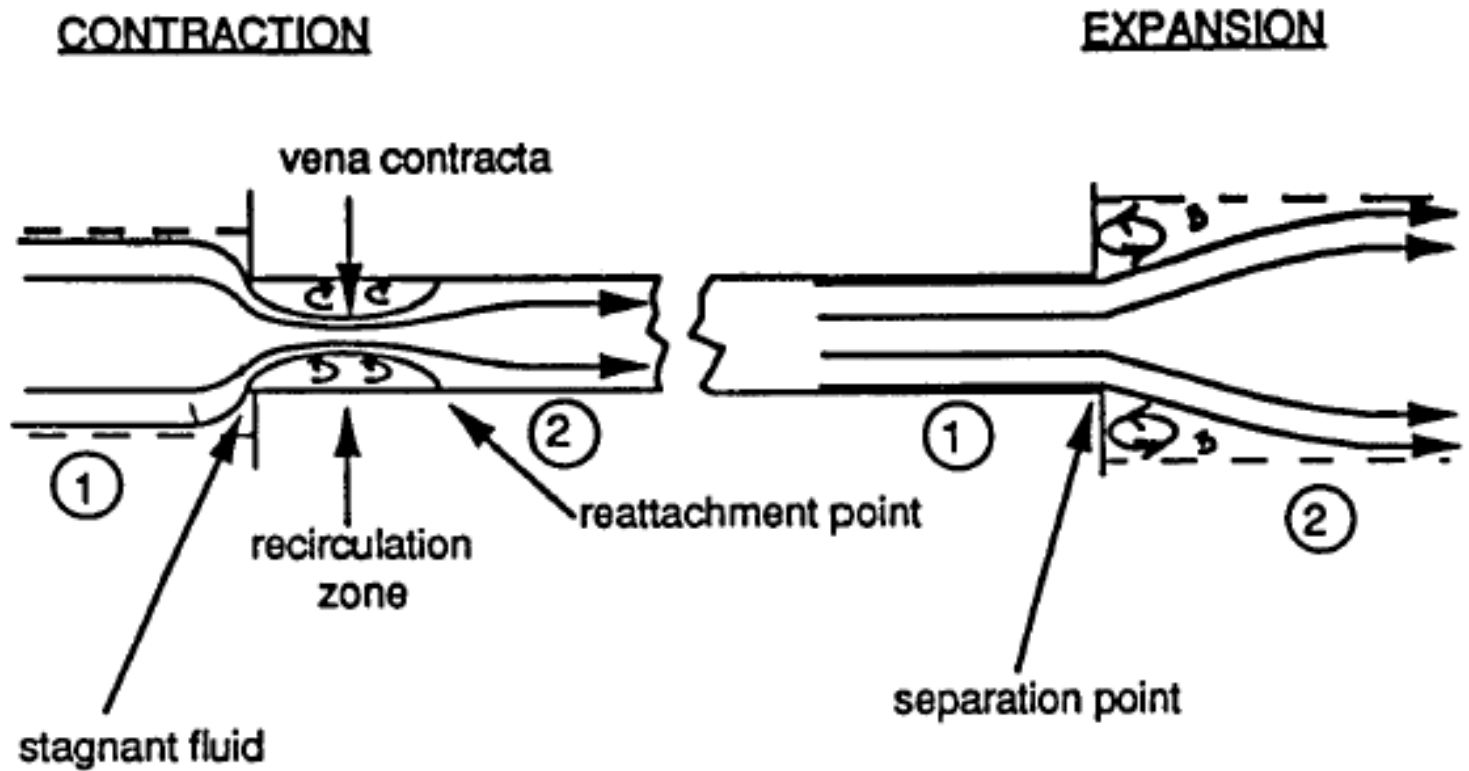
Whitby

March 11-12, March 25-26,
April 8-9, April 22-23, 2006

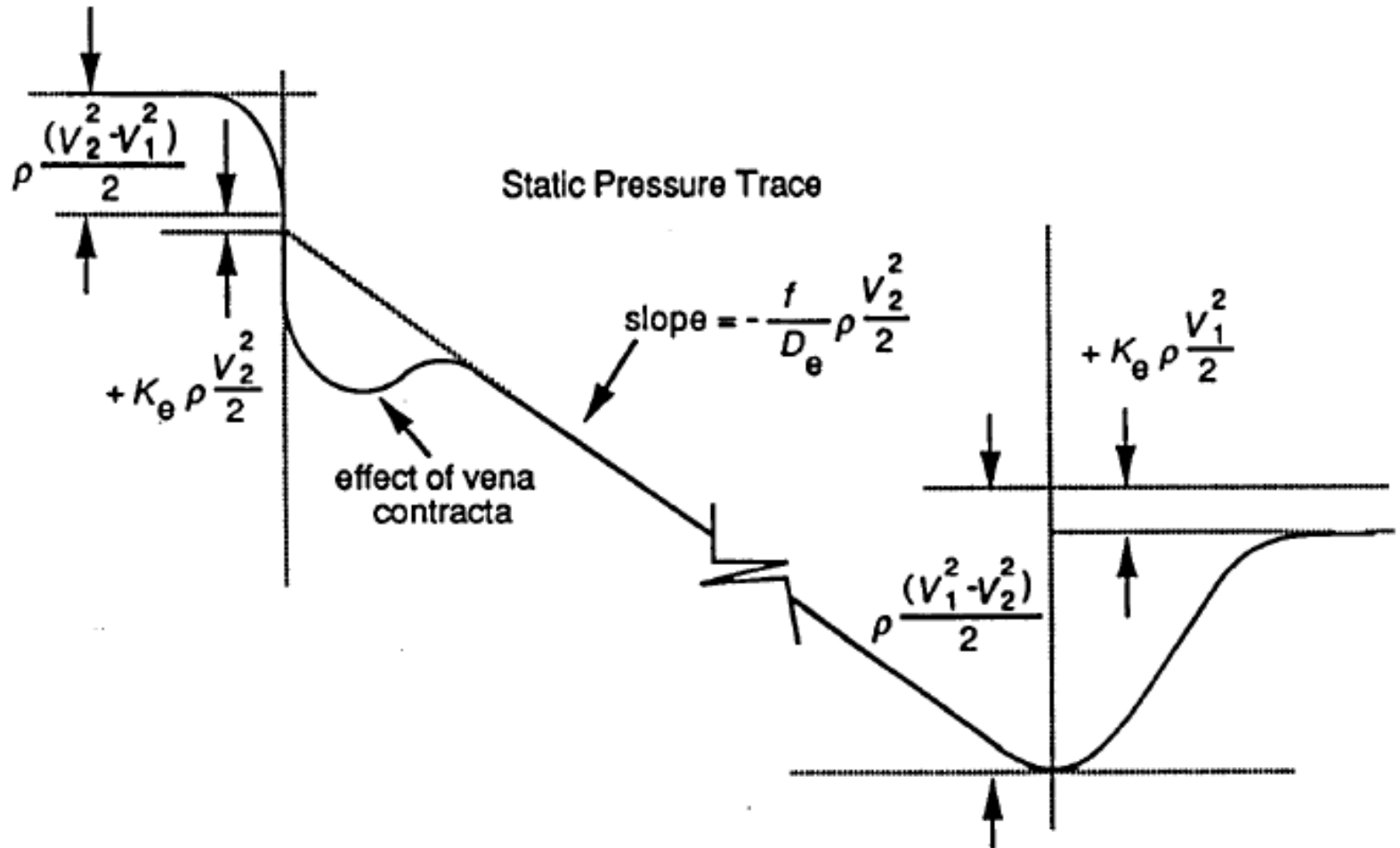
Pressure Drop

Dr. Nik Popov

Pressure Drop



Pressure Drop



Pressure Drop

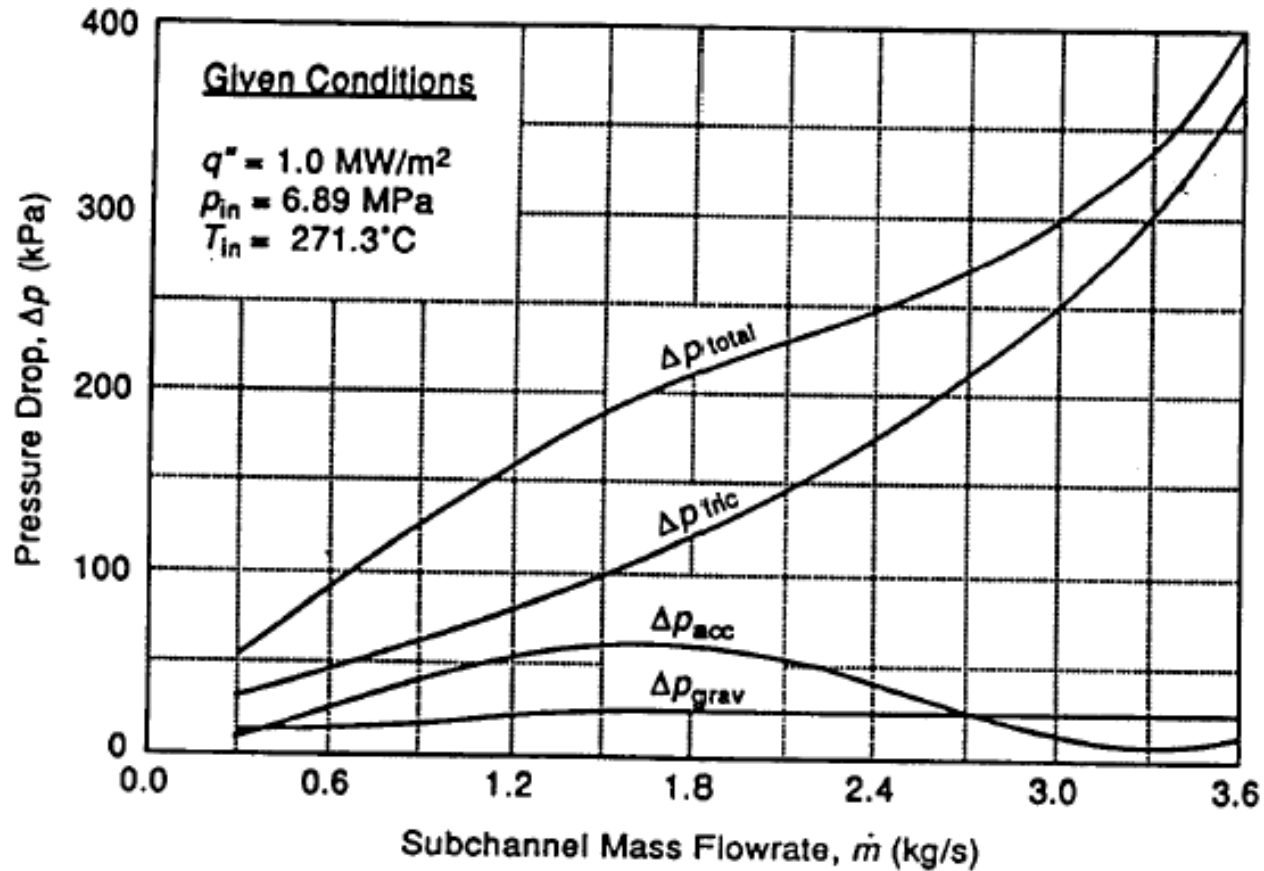


Figure 13-16 Components of total pressure drop in a 7×7 BWR channel as a function of flow (Example 13-5, case A).

Pressure Drop

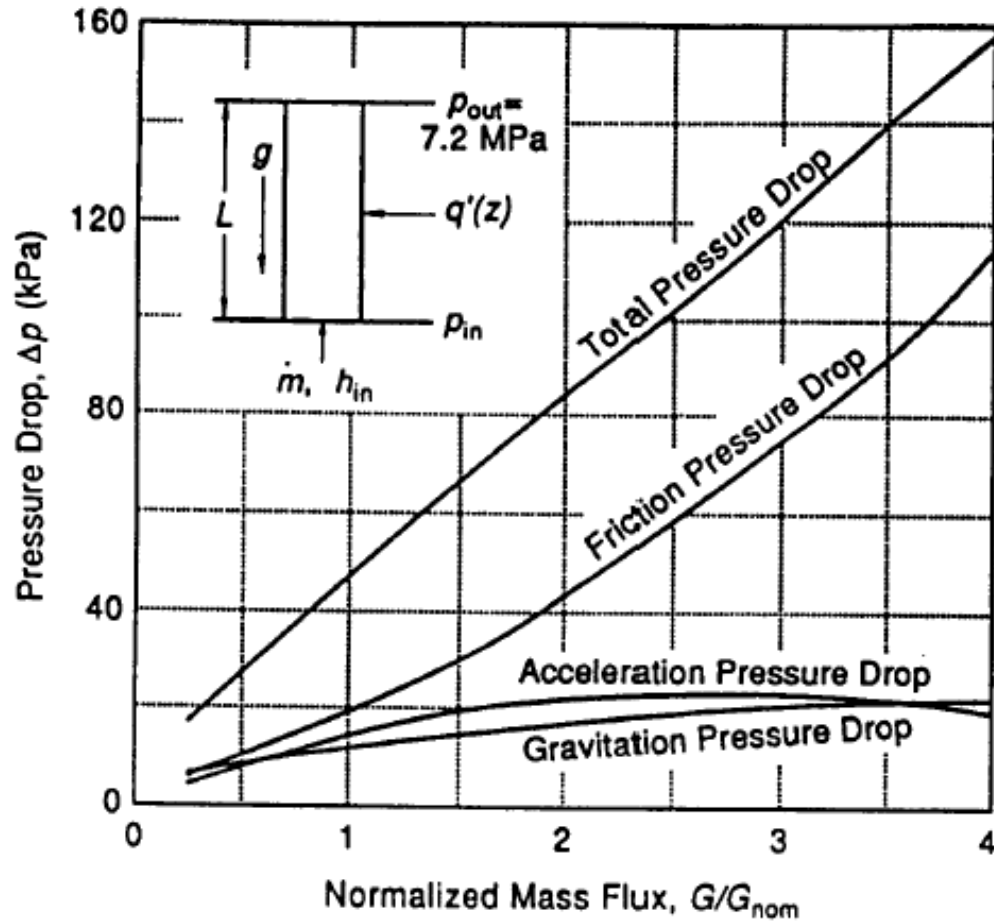


Figure 13-11 Pressure drop components in the BWR channel of Example 13-4. The mass flux at the nominal condition is $G_{nom} = 2000$ kg/m²s.

Questions?