Example 6.3

Result

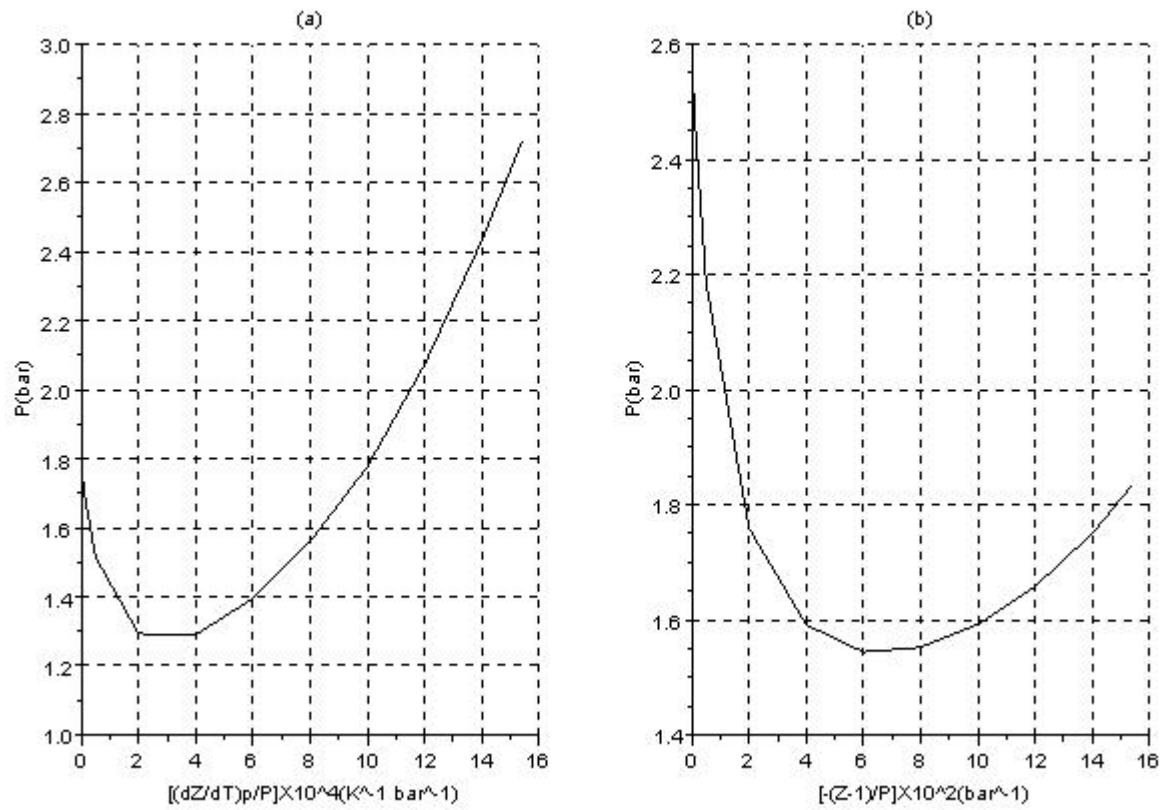## Figure 6.3 Area Calculation

Area under the graph(a)

 - 27.6043

(X 10^-4) K^-1

Area under the graph(b)

 - 0.2572

Enthalpy

  21465.3

J/mol

Entropy

  286.433

J/mol/K

Note: The Answer is different with that of the Book because the Method Used to find the Area under the Graph is done by finding the area of small Rectangles .