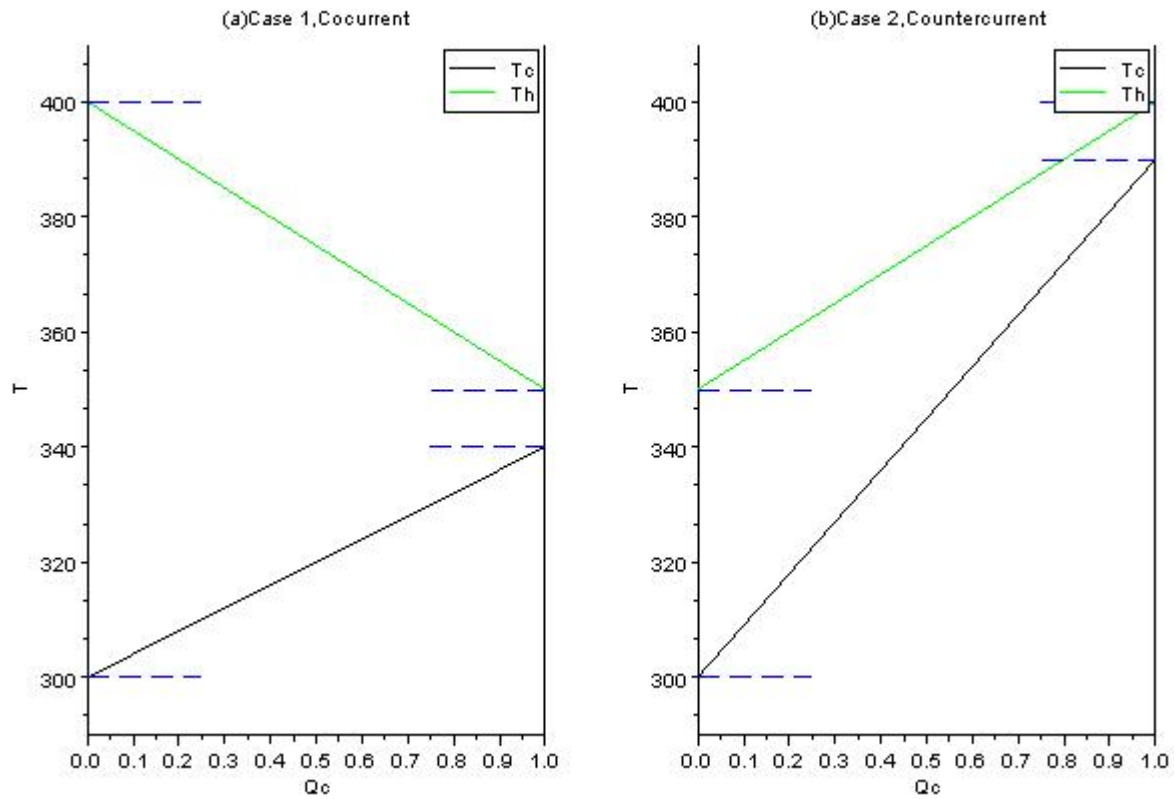## Example 5.9

Result

Figure 5.9 Heat Exchanger Cases

(a)-Cocurrent

 Rate Of change of entropy

   0.667

J/K/s

Lost Work

   200.1

J/s or W

(b)-Countercurrent

Rate Of change of entropy

0.356

J/K/s

Lost Work

106.8

J/s or W