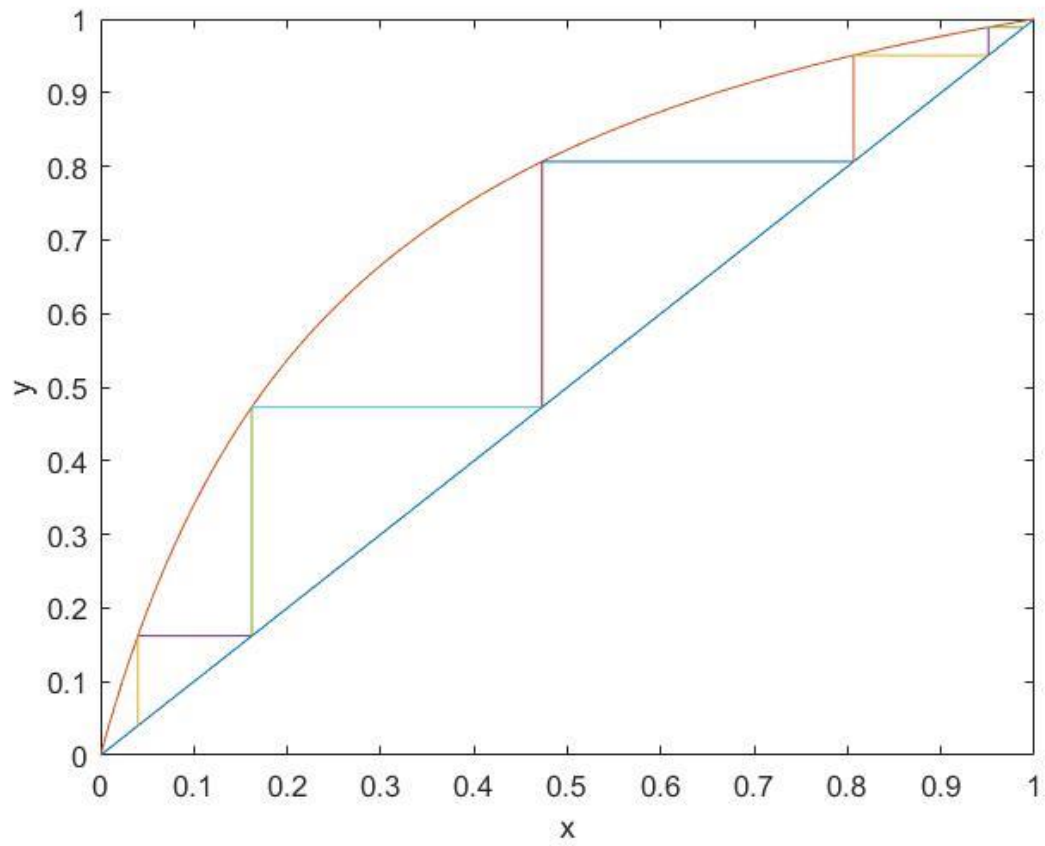
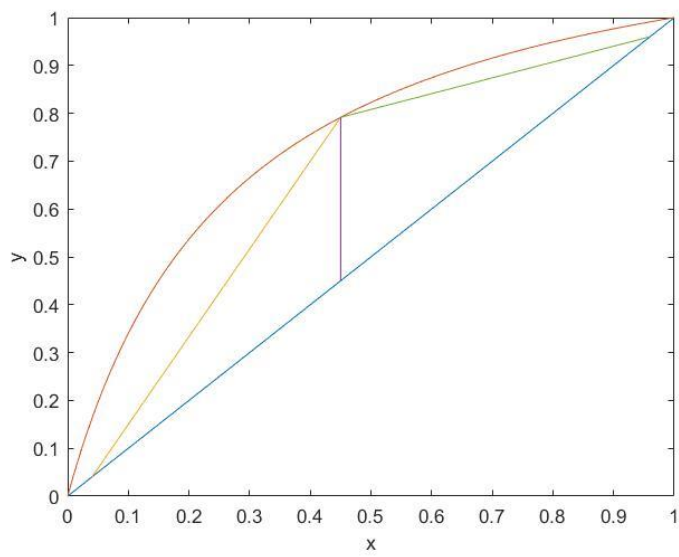


minimum number of stages= 5

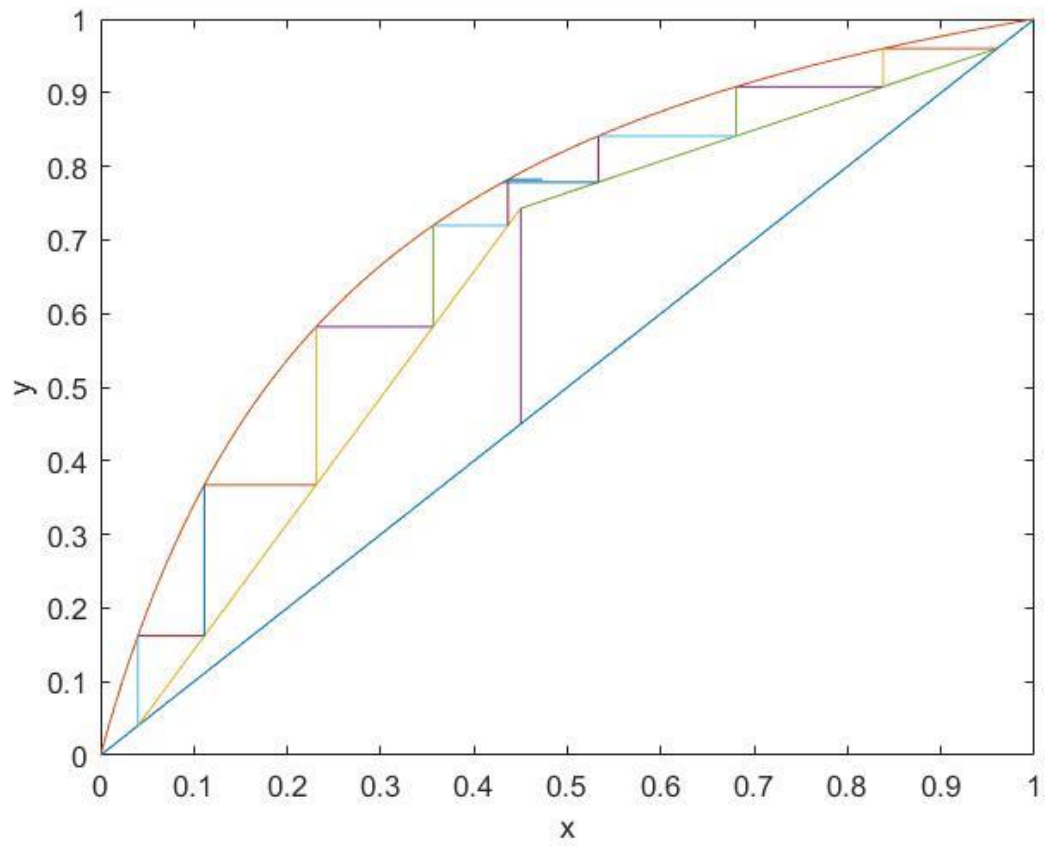


minimum reflux ratio= 0.49337

minimum reboiler ratio= 1.2006



number of stages with $1.5r_{min}=9$



Extra two stages for condenser and reboiler will be required