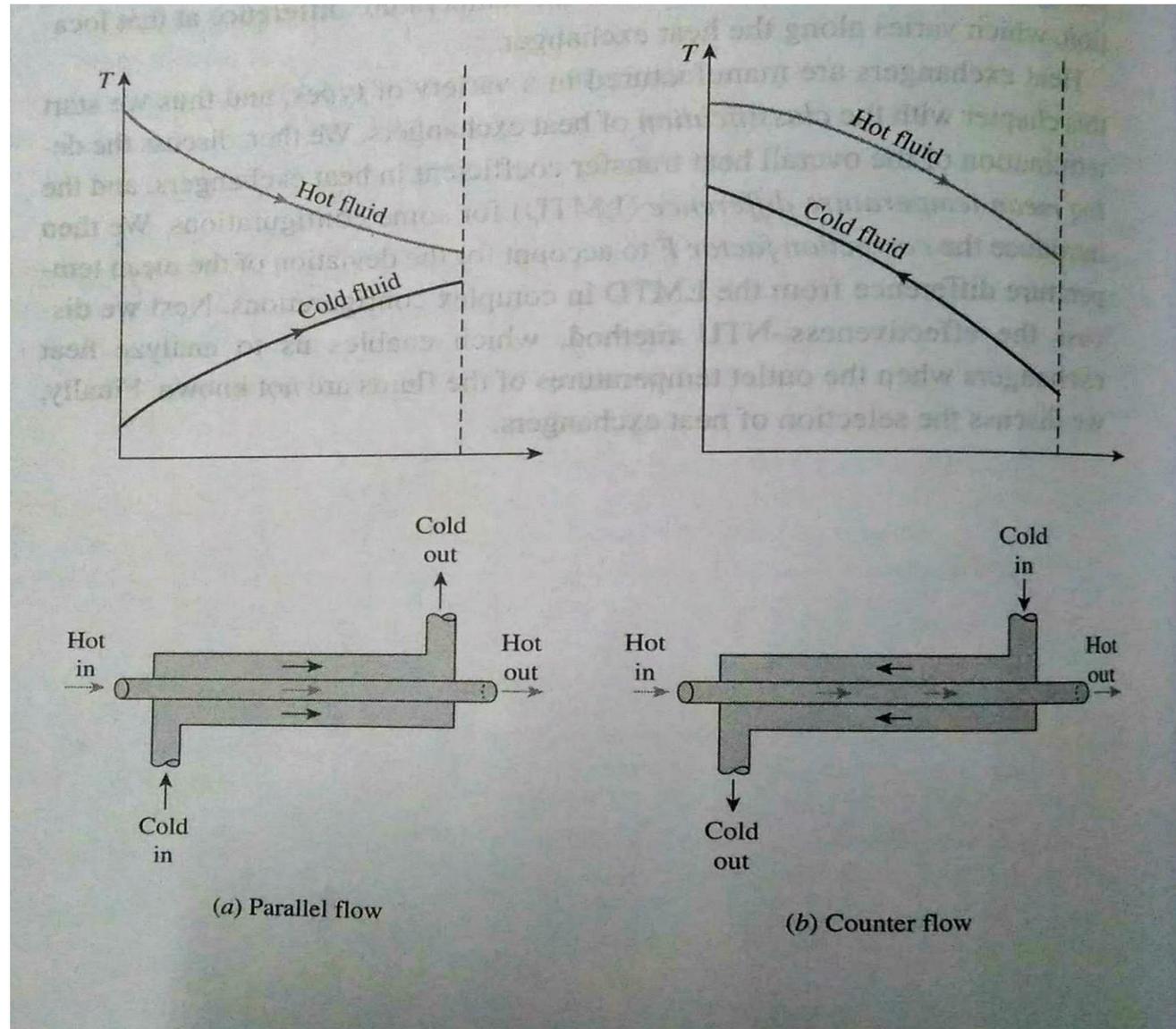
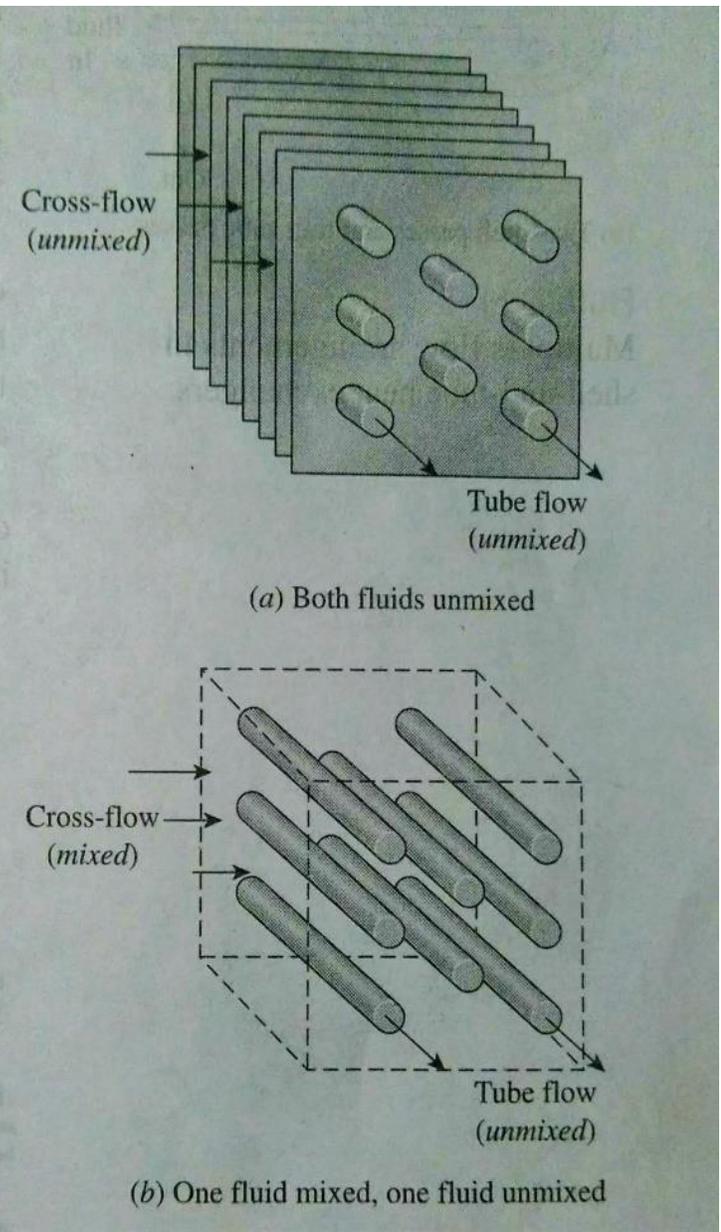


# HEAT EXCHANGERS

# TYPES OF HXs

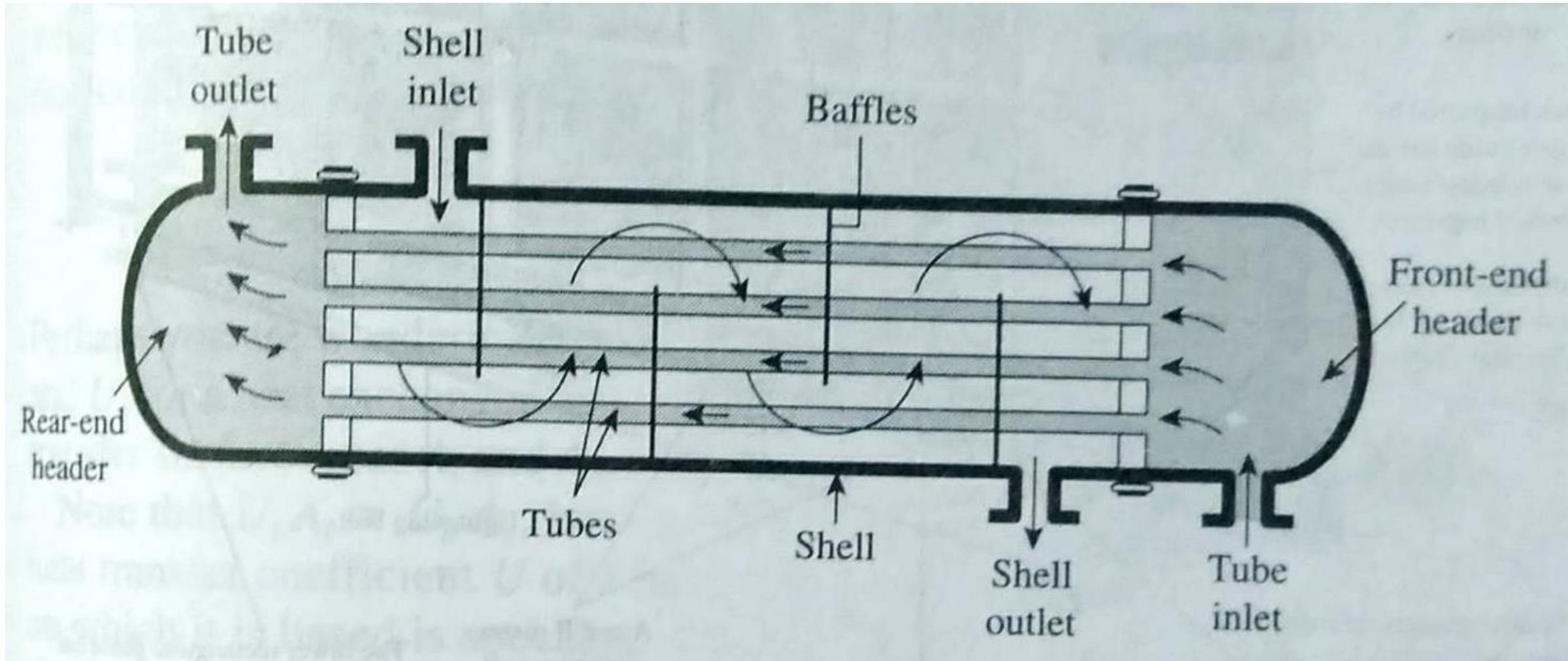
# Relative Direction of Fluid Motion

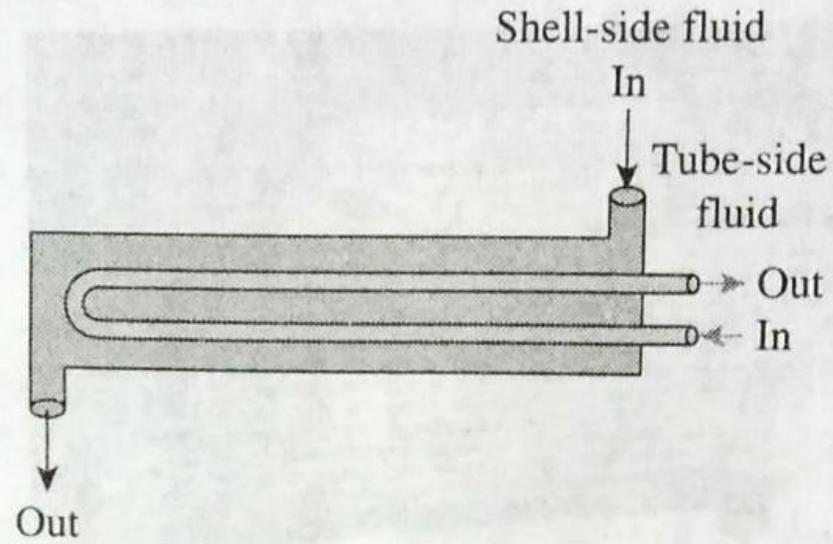




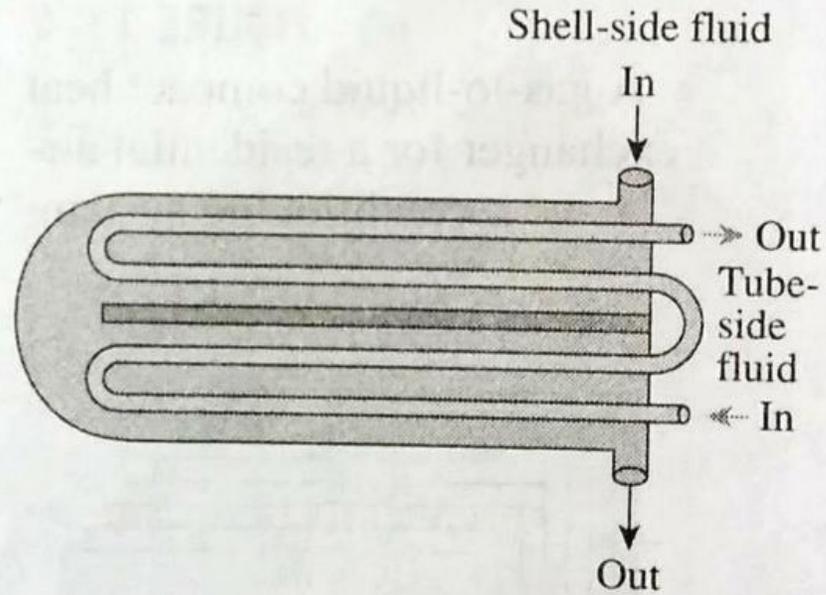
Cross flow

# Design and Constructional Features



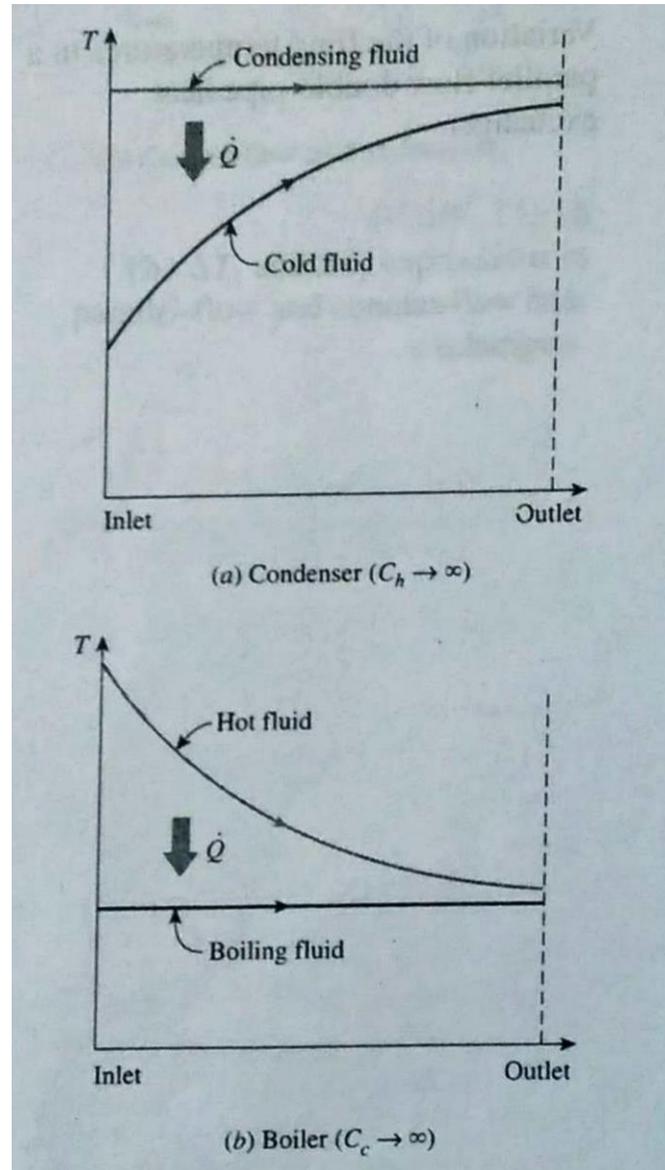


(a) One-shell pass and two-tube passes

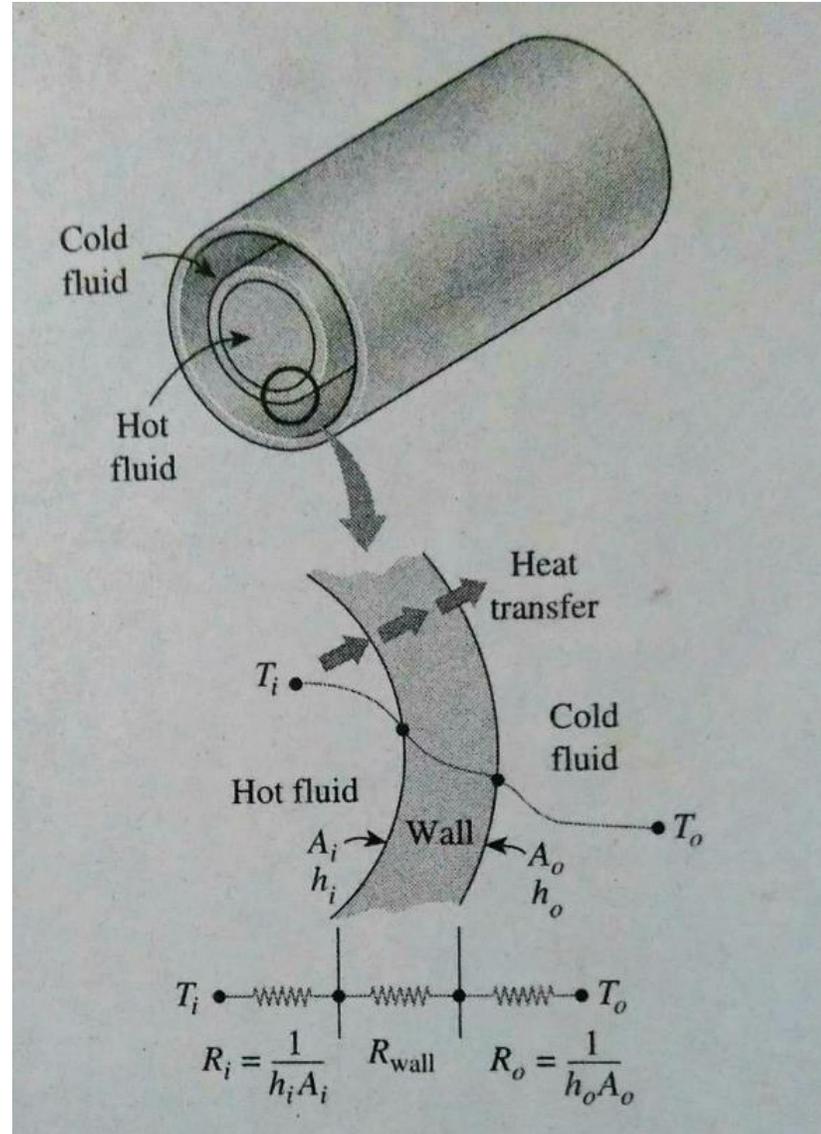


(b) Two-shell passes and four-tube passes

# Physical state of fluids



# Thermal resistance network



# Surface areas

