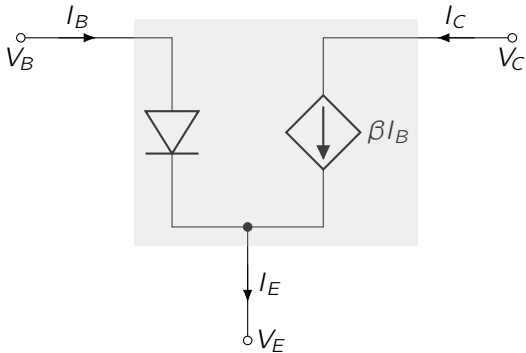


(a) *npn* BJT Active Mode Equivalent Circuit



(b) A simple Common-Emitter Amplifier Circuit

