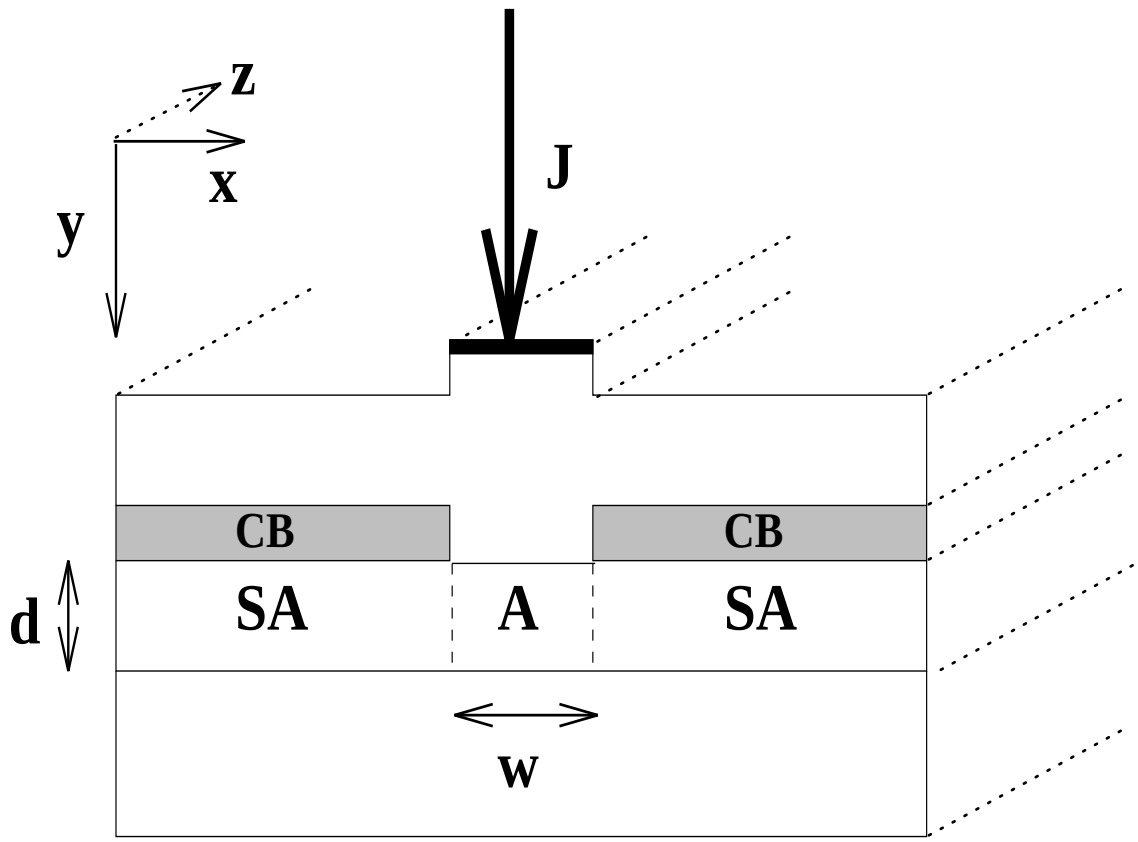

Figure 1: Schematic of the narrow-stripe semiconductor laser. Two current blocking (CB) layers only allow the pump current through a stripe of width w of the central layer. This central layer is thus divided into an active region (A) and two saturable absorbing (SA) regions.