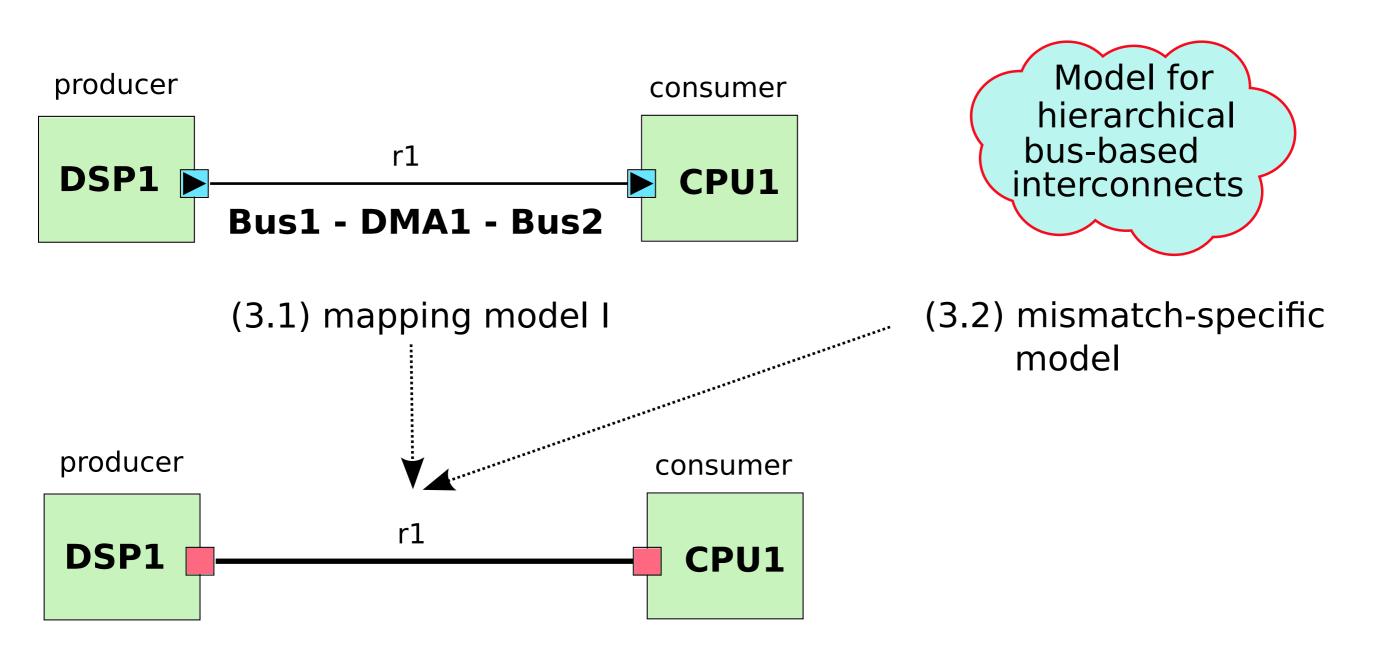


(2) architecture model



(3.3) mapping model II