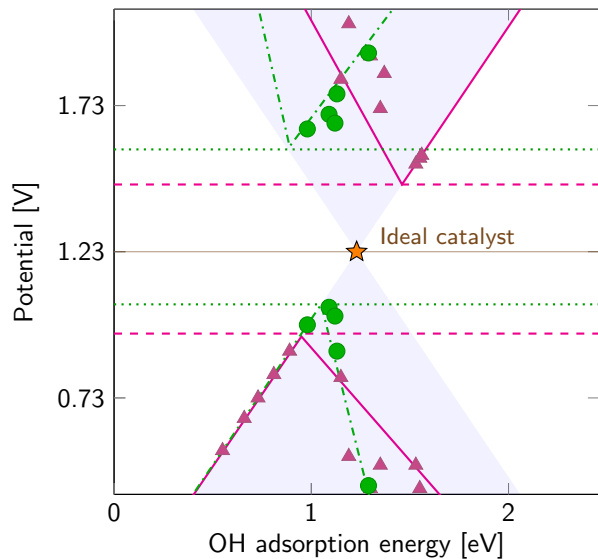


(a) ▲ Associative mechanism ● Dissociative mechanism



(b) * Platinum group metal catalysts Y M-N-C catalysts

