

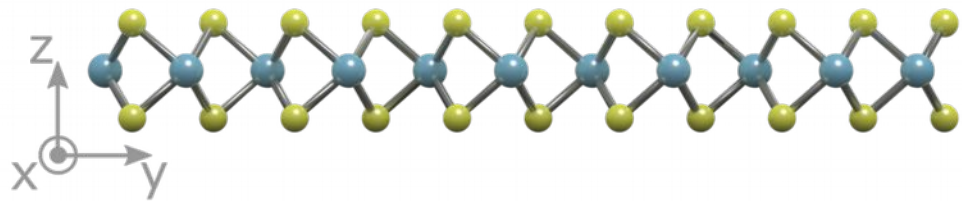
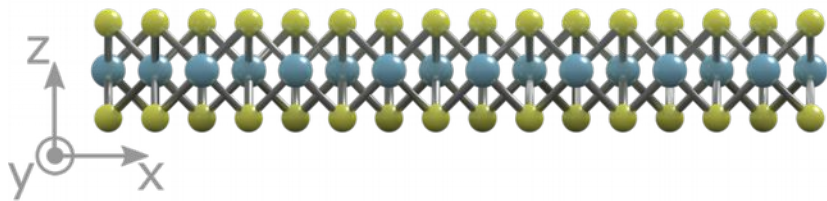
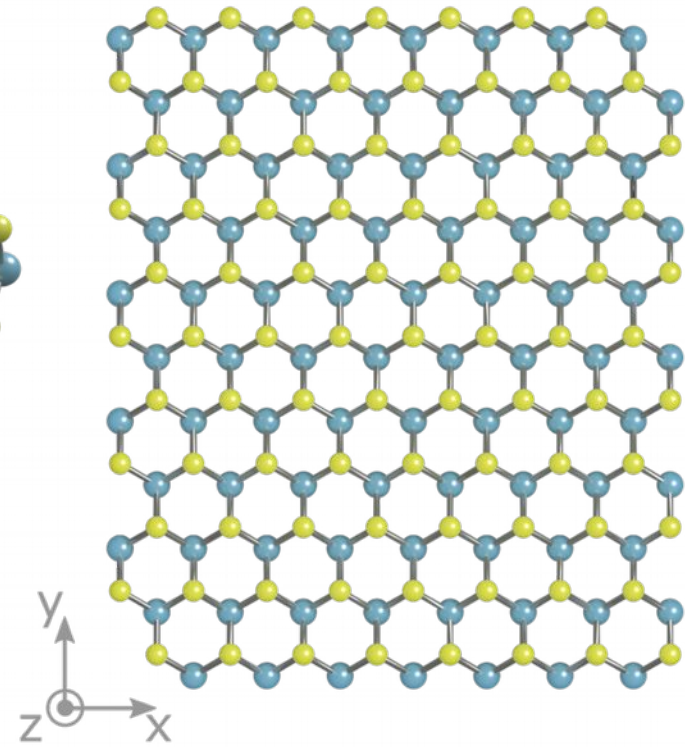
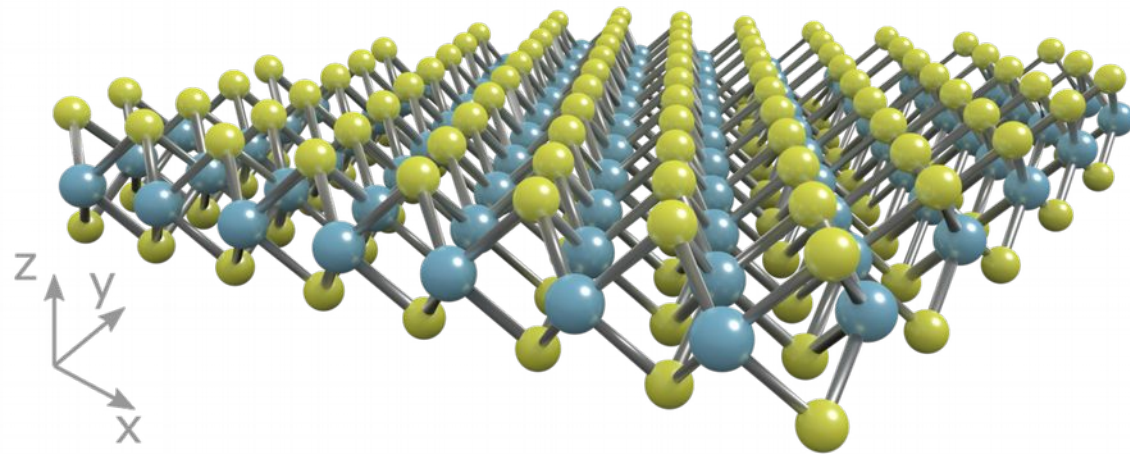
Φ – 575 Διάλεξη 04

Φυσική διατάξεων δισδιάστατων ημιαγωγών

Γιώργος Δεληγεώργης (deligeo@physics.uoc.gr)



Properties of MoS_2



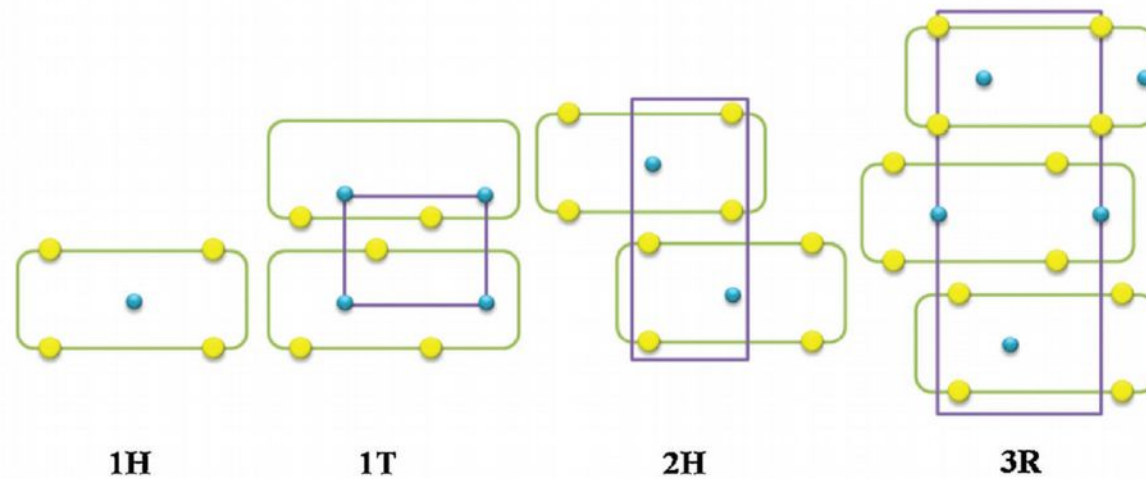
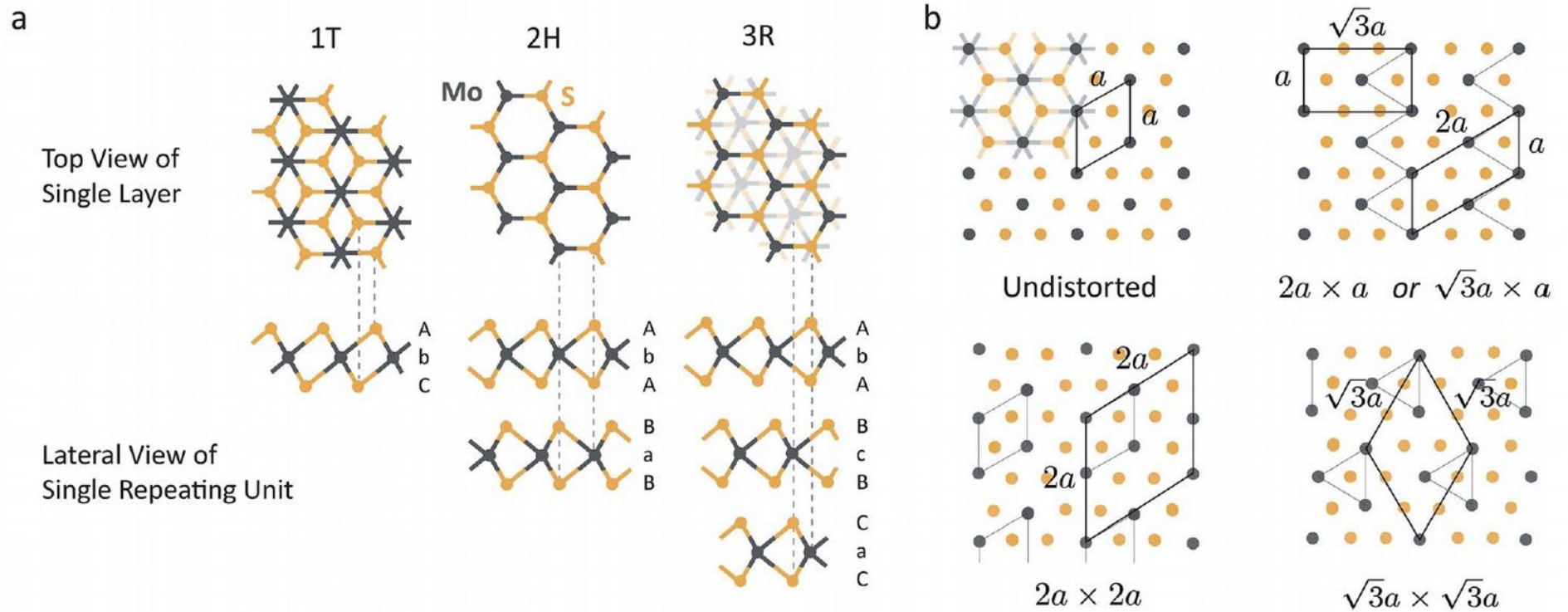
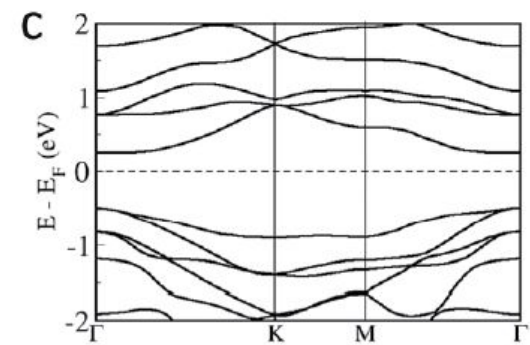
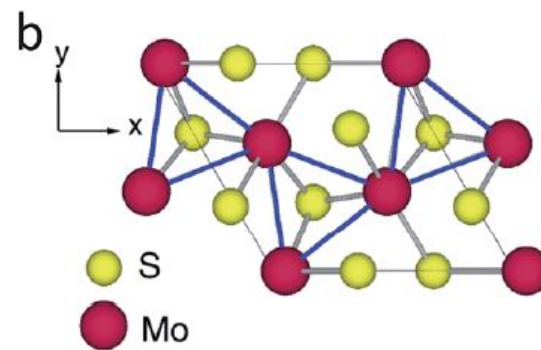
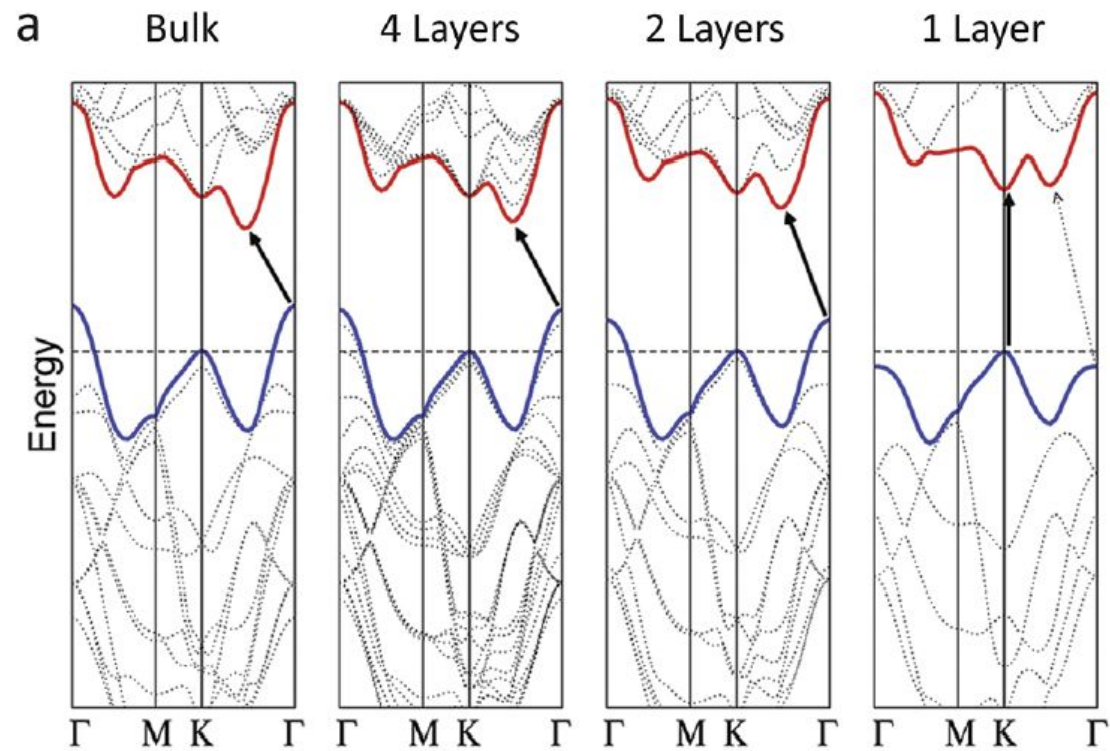
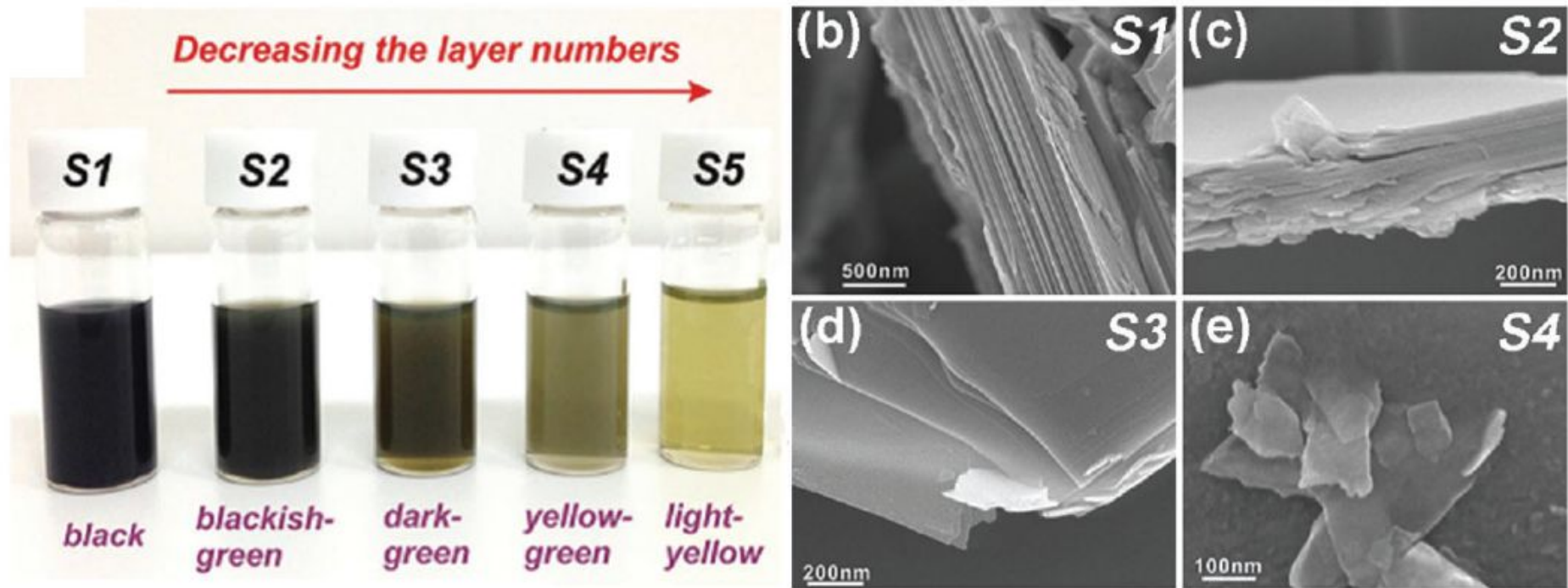


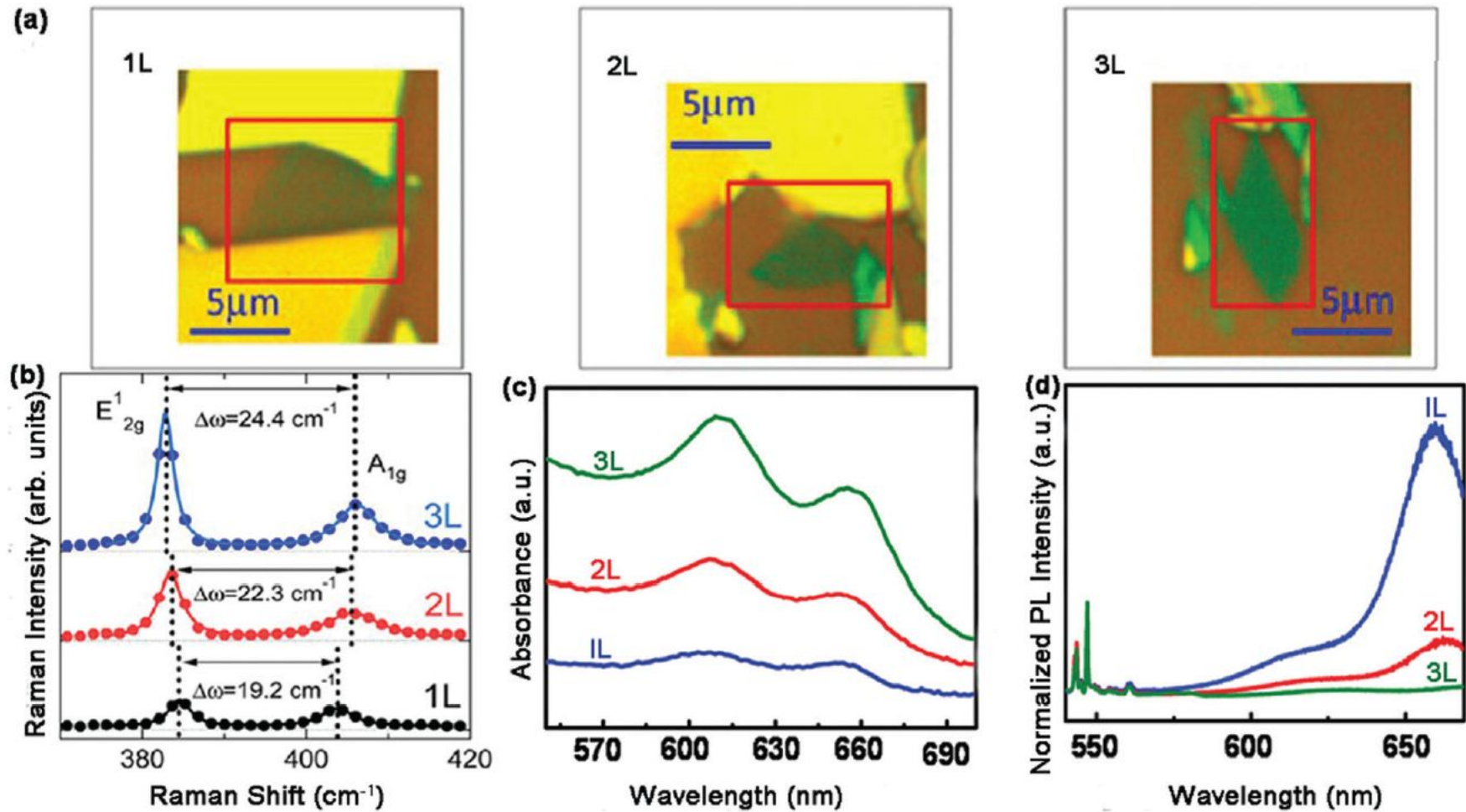
Fig. 12 Schematic drawing of common poly-types for MoS₂. The yellow dots represent Mo atoms and the blue dots represent S atoms. The green rectangles show a basic unit, while the purple rectangles represent a unit cell. Reproduced with permission from: ref. 136, Copyright 2002, Elsevier Science B.V.





Absorption vs Layer number





A

Brillouin zone in TMDCs

