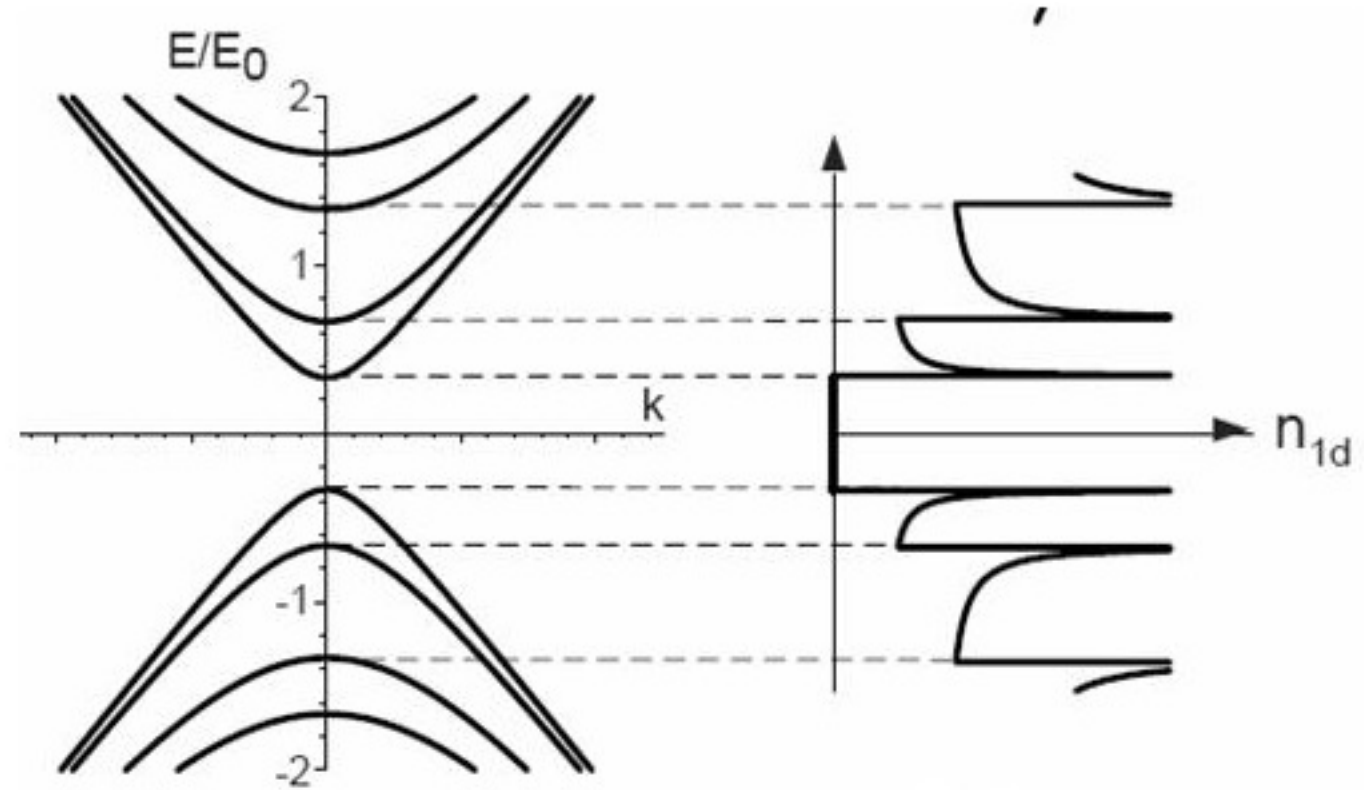


metallic  $m-n=3Z$



semiconducting