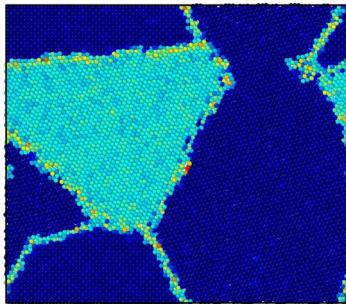
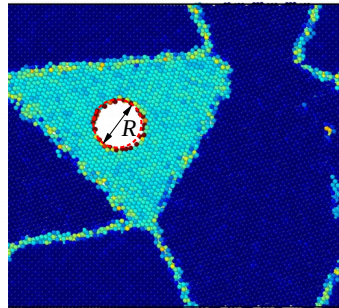


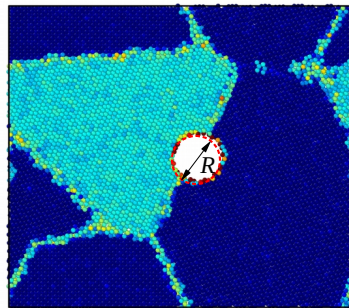
(a) Bulk model



(b) No void



(c) innergranular void



(d) intergranular void