UM-SJTU JI Summer 2020 VE 320 Quiz 3

	Name:	Student ID:	
1. What are the ways to increa	se the hole mobility	in Si? Please list at least to	wo.
2. For a p-type Si piece with a			
concentration on the left), pleafield.	ase draw the energy b	and structure, and explair	why there is a built-in electric
3. What are the two ways to go	enerate excess carrier	rs?	