

Roll-Nos -
 203190028
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Assignment - 3
 (601)

Method	func	x of optimum value	func of optimum value	func evaluation no.
(I) Fletcher Reeves	$(x^2 - \cos(2\pi x))$	0	0	
(II) Steepest descent	$(x^2 - \cos(2\pi x))$	-0.9510512 -0.0000001	0.9514216	30
(III) BFGS	$(x^2 - \cos(2\pi x))$	2.8223695 $-1.170D-08$	8.5265669	19
(IV) Golden section	$i * x * x$	410D-13	395D-24	