

```
(a) Jacobi: [1.1747883 1.64317298 2.44824825 3.05598016 3.94965738 3.09947604]  
(b) Gauss-Seidel: [1.17478836 1.64317351 2.44824812 3.05598056 3.94965762 3.09947644]  
(c) SOR ( $\omega=1.1$ ): [1.17478902 1.64317374 2.44824799 3.05598088 3.94965773 3.09947642]  
(d) Conjugate Gradient: [1.17656665 1.64269366 2.44433267 3.06002082 3.95260785 3.09922059]
```