

1 – Exercício 5.2 do Monticelli:

Iteration #0				
Error: 0.147089				
V1 = 1.000000 < 0.000000				
V2 = 1.000000 < 0.000000				
V3 = 0.980000 < 0.000000				

Iteration #1				
Error: 0.008435				
V1 = 1.000000 < 0.000000				
V2 = 0.987374 < -0.112925				
V3 = 0.980000 < -0.177187				

Iteration #2				
Error: 0.000043				
V1 = 1.000000 < 0.000000				
V2 = 0.982759 < -0.115277				
V3 = 0.980000 < -0.180854				

Iteration #3				
Error: 0.000000				
V1 = 1.000000 < 0.000000				
V2 = 0.982735 < -0.115288				
V3 = 0.980000 < -0.180869				

Power Flow				
Line	Skm			
Smk	Perdas			

1-2	(0.11428243256093237+0.0023601364800875935j)	(-0.11296110782434735-0.00880457531790857j)	(0.22724354038527972+0.01164711797996163j)	
2-3	(0.06296110809319247-0.011195423569476337j)	(-0.06255040249716459-0.003959206673916471j)	(0.12551151059035706-0.007236216895559866j)	
1-3	(0.08905217287391072-0.010912211112966097j)	(-0.08744959739382067-0.012270034086193038j)	(0.1765017702677374+0.0013578229732263414j)	

2 – Varredura Direta-Inversa

Iteração #1

Erro: 0.032443

Barra #1: $V = 1.000000 < 0.000000^\circ$ pu
Barra #2: $V = 0.988123 < -0.101371^\circ$ pu
Barra #3: $V = 0.976382 < -0.044298^\circ$ pu
Barra #4: $V = 0.970186 < 0.006857^\circ$ pu
Barra #5: $V = 0.967557 < 0.033987^\circ$ pu

Iteração #2

Erro: 0.000936

Barra #1: $V = 1.000000 < 0.000000^\circ$ pu
Barra #2: $V = 0.987822 < -0.103443^\circ$ pu
Barra #3: $V = 0.975732 < -0.044436^\circ$ pu
Barra #4: $V = 0.969339 < 0.008291^\circ$ pu
Barra #5: $V = 0.966622 < 0.036267^\circ$ pu

Iteração #3

Erro: 0.000027

Barra #1: $V = 1.000000 < 0.000000^\circ$ pu
Barra #2: $V = 0.987814 < -0.103515^\circ$ pu
Barra #3: $V = 0.975713 < -0.044466^\circ$ pu
Barra #4: $V = 0.969314 < 0.008299^\circ$ pu
Barra #5: $V = 0.966594 < 0.036296^\circ$ pu

Iteração #4

Erro: 0.000001

Barra #1: $V = 1.000000 < 0.000000^\circ$ pu
Barra #2: $V = 0.987814 < -0.103517^\circ$ pu
Barra #3: $V = 0.975713 < -0.044466^\circ$ pu
Barra #4: $V = 0.969313 < 0.008300^\circ$ pu
Barra #5: $V = 0.966594 < 0.036298^\circ$ pu
