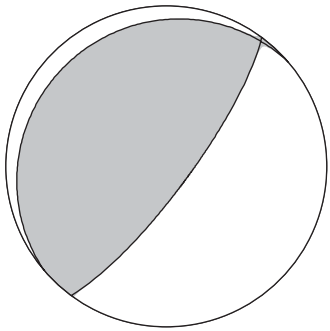
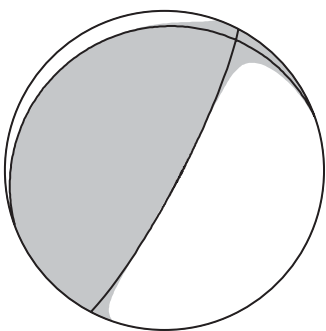


a)



b)



fastCMT Event Report							
Event ID: 2003 Tokachi–oki							
Lat = 42.20		Lon = 144.00		Depth = 48 km			
Final Solution Time: 19:53:15			Mw = 8.2				
Moment Tensor (Scale 1x10^21 Nm)							
Mrr = 1.001		Mtt = -0.463		Mpp = −0.539			
Mrt = 1.353		Mrp = 1.871		Mtp = −0.518			
Prinicpal Axes							
Axis		Value		Plunge		Azimuth	
T		2.518		57		303	
P		−2.523		33		129	
B		−0.005		3		37	
Best Double Couple (Mo = 2.932e+21 Nm)							
Plane		Strike		Dip		Rake	
NP1		229		12		103	
NP2		36		78		87	
Inversion Summary							
#Stations = 151				Var. Red. = 79.76%			
%DC = 99.60		%CLVD = 0.40			%ISO = (null)		

Global CMT Solution			
Event ID: 2003 Tokachi–oki			
Lat = 42.21	Lon = 143.84	Depth = 28.2 km	
Final Solution Time: N/A		Mw = 8.3	
Moment Tensor (Scale 1x10^21 Nm)			
Mrr = 0.777	Mtt = −0.411	Mpp = −0.366	
Mrt = 1.320	Mrp = 2.590	Mtp = −0.662	
Prinicpal Axes			
Axis	Value	Plunge	Azimuth
T	2.980	53	289
P	−3.130	36	124
B	0.150	7	29
Best Double Couple (Mo = 3.050e+21 Nm)			
Plane	Strike	Dip	Rake
NP1	250	11	132
NP2	28	82	83
Inversion Summary			
#Stations = N/A		Var. Red. = N/A	
%DC = 90.42	%CLVD = 9.58		%ISO = (null)

c)

