





Published Datums Transformation Parameters for Saudi Arabia



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- By USA DMA
- Utilized in several <u>commercial software</u>:

System A	WGS 84
System B	Ain El-Abd 1970
Shift X	- 143 10 m
Shift Y	- 236 10 m
Shift Z	+ 7 10 m

FIG Working Week 2010, Marrakech, Morocco, 18-22 May









olodensky-Badekas Similarity Transformation		
X _o	4559545.892 m	
Y _o	3808252.221 m	
Z _o	2314350.329 m	
Shift X	41.650 m	
Shift Y	286.321 m	
Shift Z	89.132 m	
Rotation X	-1.91577 "	
Rotation Y	10.28662 "	
Rotation Z	-14.08571 "	
Scale Factor	-7.1256 ppm	







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