



























7





Cts	<mark>5. R</mark>	<mark>esults</mark> Compariso	on of	meth	ods re	esults	(Perform	ance)	
		-	Correlation		RMSE			-	
		Method	ρ(dE) %	ρ(dN) %	σ(dE) mm	σ(dN) mm	Representation	Prediction	
		GRNN (SF=15)	83.6	86.7	<u>16.9</u>	12.2	Continuous	Good	
		RBFNN (SF=6) 23 hidden neurons	69.2	90.5	22.2	<u>9.7</u>	Discontinuous	Bad	
		Polynomial (PD=4)	<u>85.7</u>	84.1	15.9	17.8	Continuous	Bad	
		RBFNN (SF=20) 23 hidden neurons	83.6	92.8	21.4	<u>21.0</u>	Continuous	Faintly good	
		Polynomial (PD=2)	59.0	<u>73.3</u>	<u>25.7</u>	14.9	Continuous	Faintly good	
		Nearest Neighbour (NNP=4)	85.4	92.9	17.4	16.7	Continuous	Faintly good	
						·	·		
	FIG TS01F - Dam and Reservoir Engineering Surveying								











