6.3.1

3.











Martin Kruskal 1925~2006











Example for Prim's Alg.								
10 28	near-to-tree	0	I	2	3	4	5	6
5 6 2	V(T)={ <mark>0</mark> }	*	28	∞	00	∞	10	00
25 24 18 12	V(T)={0,5}	*	28	00	00	25	*	00
4 <u>3</u>	V(T)={0,5,4}	*	28	00	22	*	*	24
Connected graph	V(T)={0,5,4,3}	*	28	12	*	*	*	18
10 14 14 16 5 6 2 12	V(T)={0,5,4,3,2}	*	16	*	*	*	*	18
	V(T)={0,5,4,3,2,1}	*	*	*	*	*	*	14
	V(T)={0,5,4,3,2,1,6}							
4 22								
Spanning tree with cost 99								55

vertices to T.

recorded.











