













































Receiving(Activate) send(Activate)to N(x) - {sender}; Distance[x]:= 0; Neighbours:= N(x); if |Neighbours|=1 then maxdist:= 1+ Max{Distance[*]} M:=("Saturation", maxdist); parent ← Neighbours; send(M) to parent; become PROCESSING; else become ACTIVE; Paola Flocchini

ACTIVE Receiving(M) Distance[{sender}]:= Received_distance; Neighbours:= Neighbours - {sender}}; if |Neighbours|=1 then maxdist:= 1+ Max{Distance[*]} M:=("Saturation", maxdist); parent = Neighbours; send(M) to parent; become PROCESSING;

PROCESSING
receiving(M)Distance[{ sender}]:= Received_distance;
 $r(x):= Max \{ Distance[z]: z \in N(x) \}$ for all $y \in N(x)$ -{parent} do
maxdist:= 1+ Max{Distance[z]:
 $z \in N(x)$ - {y}
send("Resolution", maxdist) to y
endfor
become DONE

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