Initially all mM and all w W are free

While there is a man m who is free and hasn’t proposed to every woman

Choose such a man m

Let w be the highest ranked woman in m’s preference list to whom m has not yet proposed

If w is free then

(m, w) become engaged

Else w is currently engaged to m’

If w prefers m’ to m then

m remains free

Else w prefers m to m’

(m, w) become engaged

m’ becomes free

Endif

Endif

Endwhile

Return the set S of engaged pairs