Feedback control

$$
\begin{aligned}
& \mathrm{U(s)}+\mathrm{C}(\mathrm{~s}) \\
& Y(s):=G(\mathrm{G}) \\
& E(s):=U(s)-W(s) \\
& W(s):=G_{2}(s) \cdot Y(s) \\
& Y(s)=G_{1}(s) \cdot E(s)=G_{1}(s) \cdot(U(s)-W(s))=G_{1}(s) \cdot\left(U(s)-G_{2}(s) \cdot Y(s)\right) \\
& Y(s)=G_{1}(s) \cdot\left(U(s)-G_{2}(s) \cdot Y(s)\right) \\
& Y(s) \cdot\left(1+G_{1}(s) \cdot G_{2}(s)\right)=G_{1}(s) \cdot U(s) \\
& \frac{Y(s)}{U(s)}=\frac{G_{1}(s)}{1+G_{1}(s) \cdot G_{2}(s)}
\end{aligned}
$$

How to solve by Mathcad?
Above is solved by me and not automatically.

