The College of William and Mary has a university-wide license for MAPLE 10 on college-owned computers.

```maple
> restart;
> # This file calculates the currents in the Physics 252 Week 2 course notes.
> with(linalg):
    Warning, new definition for norm
    Warning, new definition for trace
> A:=matrix([[1,1,-1],[R1,0,R3],[0,R2,R3]]);
    A :=
    \[
    \begin{bmatrix}
    1 & 1 & -1 \\
    R1 & 0 & R3 \\
    0 & R2 & R3 \\
    \end{bmatrix}
    \]
> B:=vector([0,V1,V2]);
    B := [0, V1, V2]
> solution:=linsolve(A,B);
> solution[1];
    \[
    \frac{R3 V1 - V2 R3 + R2 V1}{R2 R1 + R2 R3 + R1 R3}
    \]
> solution[2];
    \[
    -\frac{R3 V1 + R1 V2 + V2 R3}{R2 R1 + R2 R3 + R1 R3}
    \]
> solution[3];
    \[
    \frac{R1 V2 + R2 V1}{R2 R1 + R2 R3 + R1 R3}
    \]
> 
```