

```
> with(LinearAlgebra):  
=>  
> A:=Matrix([  
> [2, 3, 1, -1], [1, 1, 0, -1],  
> [0, 3, 1, 1], [1, 0, 1, -1]]);  
=>  
> Delta:= Determinant(A);  
=>  
> b:=Vector([1,-1,3,0]):  
=>  
> B1:=A: Column(B1,1):=b:  
=>  
> Delta1:=Determinant(B1);  
=>  
> x[1]:=Delta1/Delta;  
=>  
> LinearSolve(A,b);
```