
```
function d= distance(A, B)
```

```
    d(1)= sqrt( ( A(1)-B(1) )^2 + ( A(2)-B(2) )^2 );  
    d(2)= sqrt( ( A(1)-B(3) )^2 + ( A(2)-B(4) )^2 );  
    d(3)= sqrt( ( A(3)-B(1) )^2 + ( A(4)-B(2) )^2 );  
    d(4)= sqrt( ( A(3)-B(3) )^2 + ( A(4)-B(4) )^2 );
```

```
end
```

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