**Logic Tool Results**

Logical Expression: f(x,y) = z ∧ R(z,g(y,x))⊢R(f(x,y), g(y,x))

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Line | Expression | Rule | First Segment | Second Segment | Third Segment |
| 1 | f(x,y)=z∧R(z,g(y,x)) | Data |  |  |  |
| 2 | f(x,y)=z | ∧e1 | 1 |  |  |
| 3 | R(z,g(y,x)) | ∧e2 | 1 |  |  |
| 4 | R(f(x,y),g(y,x)) | =e | 2 | 3 |  |