**Logic Tool Results**

Logical Expression: p→(q→¬p)⊢p→¬q

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Line | Expression | Rule | First Segment | Second Segment | Third Segment |
| 1 | p→(q→¬p) | Data |  |  |  |
| ┌--------------------------------------------------------------------------------------------------------------┐ | | | | | |
| 2 | p | Assumption |  |  |  |
| 3 | q→¬p | MP | 1 | 2 |  |
| 4 | ¬q | MT | 2 | 3 |  |
| └--------------------------------------------------------------------------------------------------------------┘ | | | | | |
| 5 | p→¬q | →i | 2-4 |  |  |