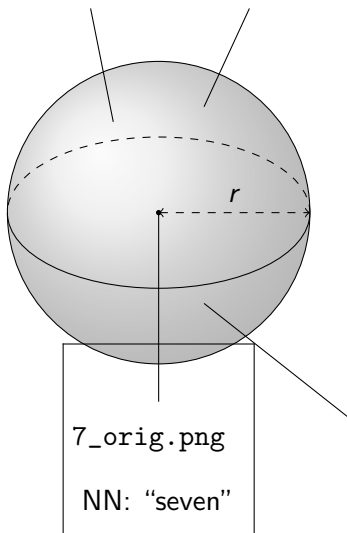


## Finding adversaries with DLV

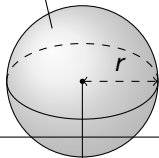


*Relative robustness*

NN: "one"

QNN: "one"

2\_1\_into\_9.png



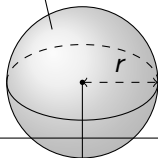
1\_orig.png

NN: "one"

*Relative robustness*

NN: "one"  
QNN: "one"

2\_1\_into\_9.png

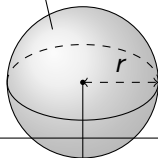


1\_orig.png

NN: "one"

NN: "two"  
QNN: "seven"

3\_2\_into\_7.png

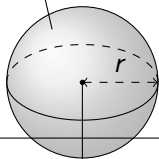


2\_orig.png

NN: "two"

*Relative robustness*

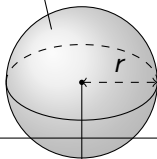
NN: "one"  
QNN: "one"  
2\_1\_into\_9.png



1\_orig.png

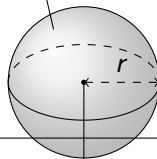
NN: "one"

NN: "two" QNN: "seven" 3_2_into_7.png	NN: "two" QNN: "seven" 7_into_2.png
---	---



2\_orig.png

NN: "two"

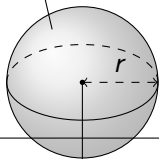


7\_orig.png

NN: "seven"

## *Relative robustness*

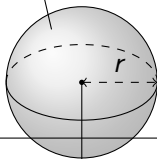
NN: "one"  
QNN: "one"  
  
2\_1\_into\_9.png



1\_orig.png

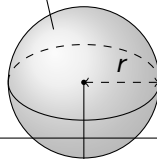
NN: "one"

NN: "two" QNN: "seven"  3_2_into_7.png	NN: "two" QNN: "seven"  7_2_into_7.png
---	---



2\_orig.png

NN: "two"

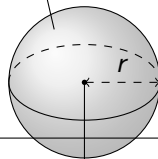


7\_orig.png

NN: "seven"

## *Transfer*

NN: "nine"  
QNN: "nine"  
  
2\_1\_into\_9.png



1\_orig.png

NN: "one"