

Inference at * 1
of proof for Lemma `iff_preserves_decidability`:

1. $A : \mathbb{P}$
2. $B : \mathbb{P}$
3. $A \vee (\neg A)$
4. $A \iff B$
 $\vdash B \vee (\neg B)$
by D 3

1:

3. A
4. $A \iff B$
 $\vdash B \vee (\neg B)$

2:

3. $\neg A$
4. $A \iff B$
 $\vdash B \vee (\neg B)$

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