Inference at $*$ 1 0
 of proof for Lemma sq_stable__iff:

1. $P : \mathbb{P}$
2. $Q : \mathbb{P}$
3. SqStable(P)
4. SqStable(Q)

$\vdash$ SqStable($P \iff Q$)
 by PERMUTE{1:n, 2:n, 3:n, 4:n, 5:n, 4:n, 3:n, 6:n}

 1: . . . . .wf. . . . . NILNIL

  $\vdash (P \Rightarrow Q) \in \mathbb{P}$
 2: . . . . .wf. . . . . NILNIL

  $\vdash (Q \Rightarrow P) \in \mathbb{P}$
 3: . . . . .wf. . . . . NILNIL

  $\vdash P \in \mathbb{P}$
 4: . . . . .wf. . . . . NILNIL

  $\vdash Q \in \mathbb{P}$
 5:

  $\vdash$ SqStable(Q)
 6:

  $\vdash$ SqStable(P)
 .

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_101685_{sq_stable__iff}1_0.html