```
edge-connect  THM

⊢  For any graph
    ∀x,y:V. x-the_graph->y ⇒ x-the_graph->*y
  by Auto THEN (Unfold `connect` 0) THEN (Unfold `path` 0)
     THEN
     (InstConcl [[x; y]])
     THEN
     (Reduce 0)
     THEN
     Obvious
END
```