

## lib/basic/prop-taut-error.ath

```
1 # This tautology isn't proved in r1866, possibly because of an  
2 # error in the extension of DeMorgan.  
3  
4 domain X  
5  
6 declare a, b, c, d, e: X  
7  
8 (!chain [(a != b & c != d)  
9          ==> (~ (a = a & c = d) & ~ (a = b & c = e)) [prop-taut]])
```