

Algorithm for listing all hypotheses that satisfy a quality check (modification*)

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```
Let Q be an empty queue;
Ans =  $\Phi$ ;
Q.push( $\Phi$ );
while ( Q is not empty )
{
    t = Q.pop();
    if ( t was already visited )
        continue;
    else if ( qualifies(t) )
    {
        Ans = Ans  $\cup$  {t};
        Q.push( $\rho(t)$ ); // *  $\rho$  is the of all immediate specializations p s.t.
                        //  $x \sqsubseteq x \sqsubseteq p$  ,  $Q_D(x)=\text{true}$  .
    }
    else {}
}
return Ans;
```