```
vardef euclidean_bisector(expr a,b,c,r) =
  save arc,p,q,e;
  path arc; pair p,q,e;
  arc = fullcircle scaled r shifted b;
  p = (a--b) intersectionpoint arc;
  q = (b--c) intersectionpoint arc ;
  e = equilateral_triangle_point(p,q);
  e
enddef;
```