

```

165     line n(c, d);
166     double zn = det(m.a, m.b, n.a, n.b);
167     if (abs(zn) < EPS) {
168         if (abs(m.dist(c)) > EPS || abs(n.dist(a)) > EPS)
169             return false;
170         if (b < a)
171             swap(a, b);
172         if (d < c)
173             swap(c, d);
174         left = max(a, c);
175         right = min(b, d);
176         return true;
177     } else {
178         left.x = right.x = -det(m.c, m.b, n.c, n.b) / zn;
179         left.y = right.y = -det(m.a, m.c, n.a, n.c) / zn;
180         return betw(a.x, b.x, left.x) && betw(a.y, b.y, left.y) &&
181             betw(c.x, d.x, left.x) && betw(c.y, d.y, left.y);
182     }
183 }

```