```
Invariants[a, t] gives the new values of a and t
   after one of each set of equivalent knots in a is moved to t.
Invariants[a List, t List] := Invariants[a, t] =
   Block[{1 = a, r = t},
     Do[If[(i=i/@1) \neq \{\},
        r = Select[\{1, i\}^{T},
              Count[i, \#[2]] = 1 \& [[;;, 1]] | r;
        1 = Complement[1, r]],
       {i, {If[# === Abs /@#, #, 0] &,
```

{1, r}];

JonesPolynomial, Colourings[#, 5] &}}];