701 – term with color alternations in clause which are not present in interpolant

$$\dfrac{\dfrac{\overset{\Sigma}{P(x, f(x))} \vee B \qquad \overset{\Pi}{P(a, y)} \vee \neg B}{P(x, f(x)) \vee P(a, y) \mid B}}{P(a, f(a)) \mid B\sigma}$$

(can produce e.g. n color alternations with predicates P of arity $n+1$)

702 – Φ-term in Ψ-literal which isn't in the interpolant straight away

$$\dfrac{\dfrac{\dfrac{\overset{\Sigma}{P(x) \vee Q(x)} \vee B \qquad \neg B \vee \overset{\Pi}{Q(y)} \vee R(y)}{P(x) \vee Q(x) \vee Q(y) \vee R(y) \mid B}}{P(x) \vee Q(x) \vee R(x) \mid B} \qquad \overset{\Pi}{\neg R(a)}}{P(a) \vee Q(a) \mid B}$$

$R(a)$ is a colored literal and hence not in the interpolant

Q(a) on the other hand will end up there