$$c_{1} \neq c_{2}, c_{2} \neq c_{3}, c_{3} \neq c_{4}, c_{1} = c_{4}$$

$$c_{1} \neq c_{2}, c_{2} \neq c_{3}, c_{3} \neq c_{4}, c_{1} = c_{4}$$

$$c_{3}$$

$$c_{4} \qquad e \neq e, f(c_{1}, e) = f(c_{4}, e)$$

$$c_{4} \qquad e \neq e, f(c_{1}, e) = f(c_{4}, e)$$

$$c_{5} \qquad c_{5}$$

$$c_{1} \neq c_{2}, c_{2} \neq c_{3}, c_{3} \neq c_{4}, c_{4} \neq b, a = b$$

$$c_{6}$$

$$a \neq f(c_{1}, e), f(c_{4}, e) \neq c_{1}, c_{1} \neq c_{2}, c_{2} \neq c_{3}, c_{3} \neq c_{4}, c_{4} \neq b, a = b$$