|  |  |  |  |
| --- | --- | --- | --- |
| 1 | If cm = corigin | cnew = corigin | Then cm’ , s.t. cnew = cm’ |
| 2 | cnew ≺ corigin | Then cm’, s.t. cnew ≺ cm’ |
| 3 | If cm ≺ corigin | cnew = corigin | Then cm’, s.t. cm’≺ cnew |
| 4a | cnew ≺ corigin | Then either cm’, s.t. cnew ≺ cm’ |
| 4b |  | Or cm’, s.t. cnew irrelevant to all cm |
| 5 | If corigin ≺ cm | cnew = corigin | Then cm’, s.t. cnew ≺ cm’ |
| 6 | cnew ≺ corigin | Then cm’, s.t. cnew ≺ cm’ |
| 7 | If corigin  irrelevant all cm | cnew = corigin | Then cm’, s.t. cnew irrelevant to all cm |
| 8a | cnew ≺ corigin | Then either cm’, s.t. cnew ≺ cm’ |
| 8b |  | Or cm’, s.t. cnew irrelevant to all cm |
| 9a |  | cnew irrelevant to all corigin | Then either cm’, s.t. cnew ≺ cm’ |
| 9b |  | Or cm’, s.t. cnew irrelevant to all cm |