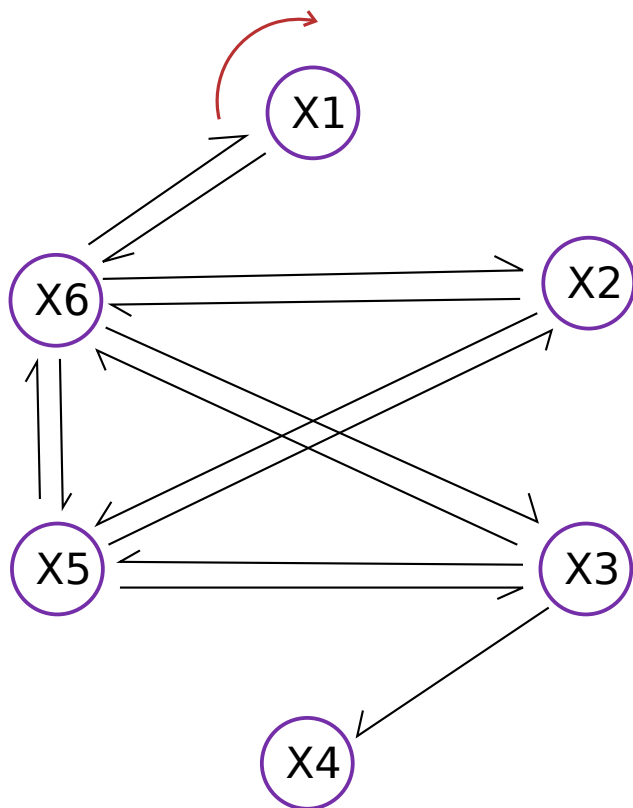


Relation Digraph



Valid HGTs

1. (X1, X6)
2. (X2, X6)
3. (X2, X5)
4. (X3, X6)
5. (X3, X5)
6. (X3, X4)
7. (X5, X6)
8. (X5, X3)
9. (X6, X3)
10. (X6, X5)
11. (X6, X1)*
12. (X6, X2)*
13. (X5, X2)*

* before-speciation relations

Symmetric Relations

- (X4, X3) ~ (X3, X4)
 (X4, X5) ~ (X3, X4)
 (X4, X6) ~ (X3, X6)
 (X5, X4) ~ (X5, X3)
 (X6, X4) ~ (X6, X3)