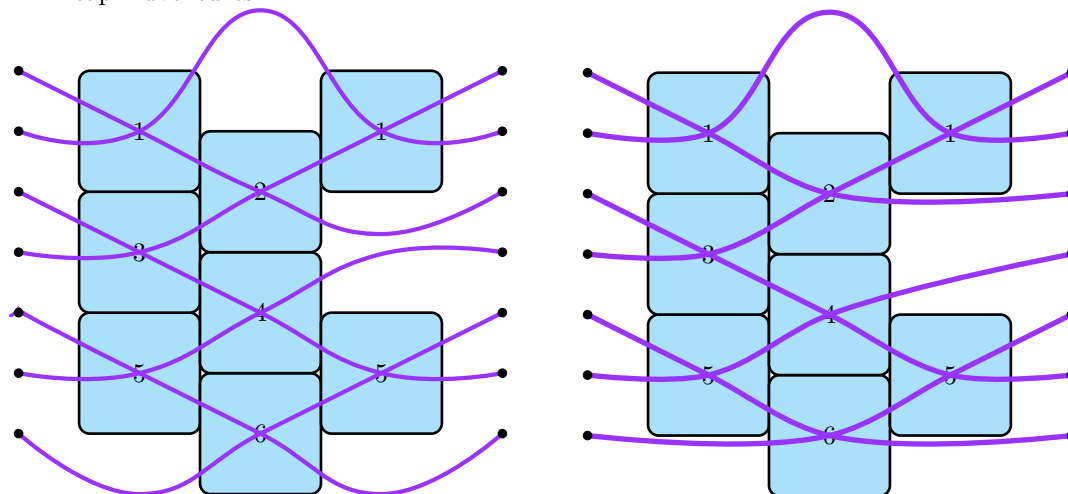
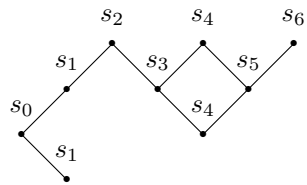


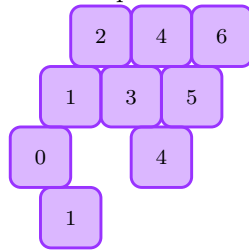
Heap Adventures



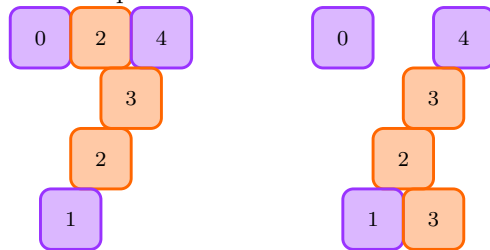
Experiments for Thesis ...
 Example 1.4.1



Example 1.4.2



Example 1.4.3



Finite Irreducible Coxeter Graphs Figure

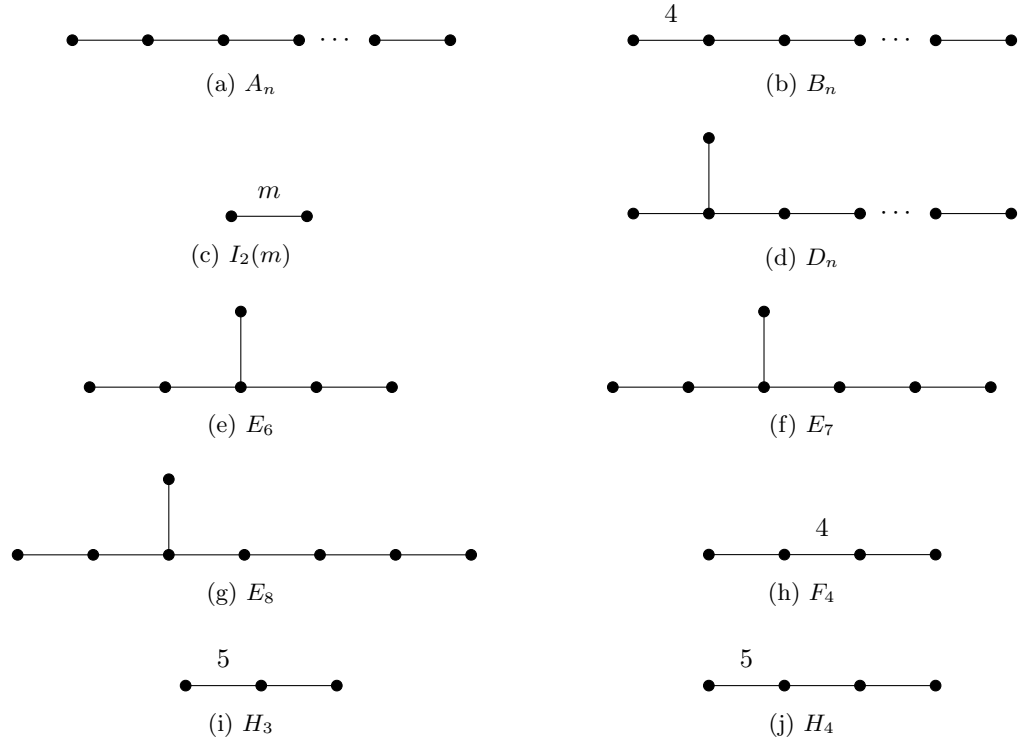


Figure 1: Coxeter graphs corresponding to the finite Coxeter groups.

Affine Coxeter Graphs Figure

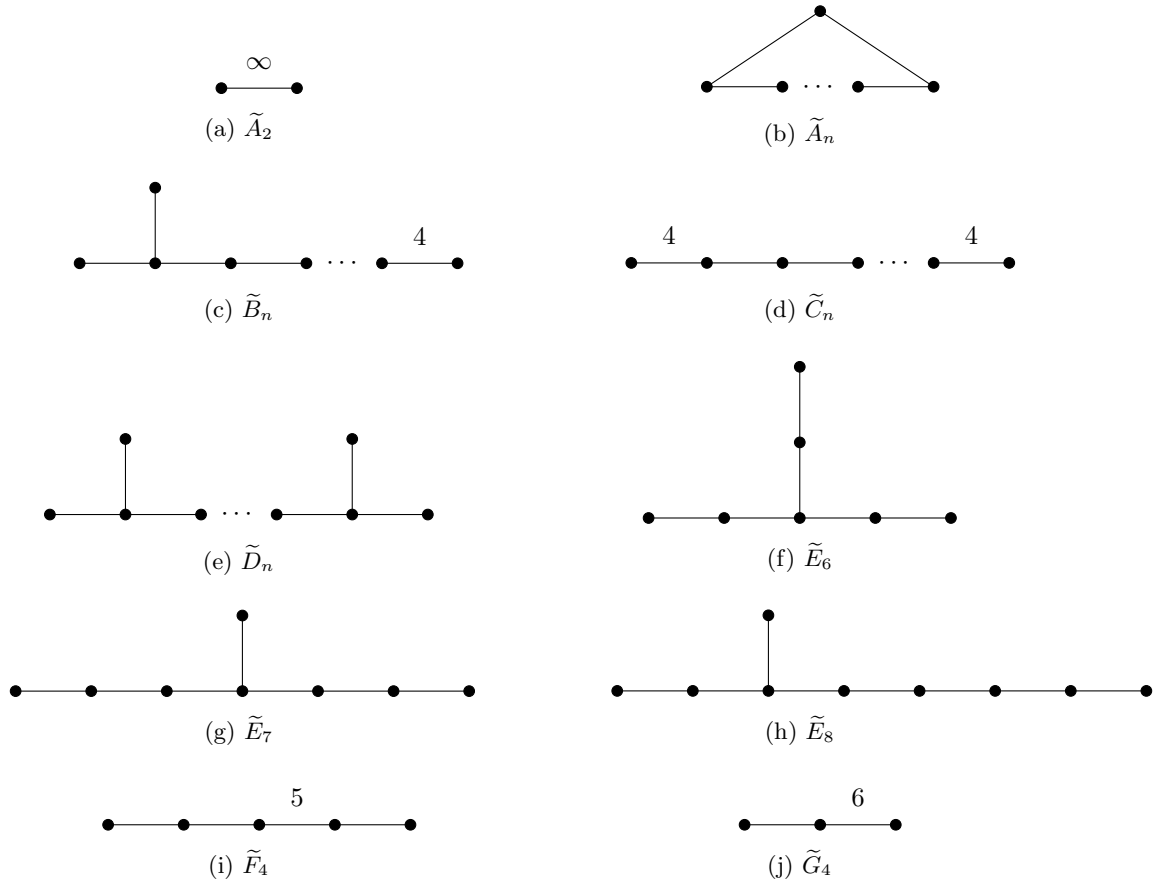


Figure 2: Coxeter graphs corresponding to the infinite Coxeter groups

FC-finite Coxeter Groups

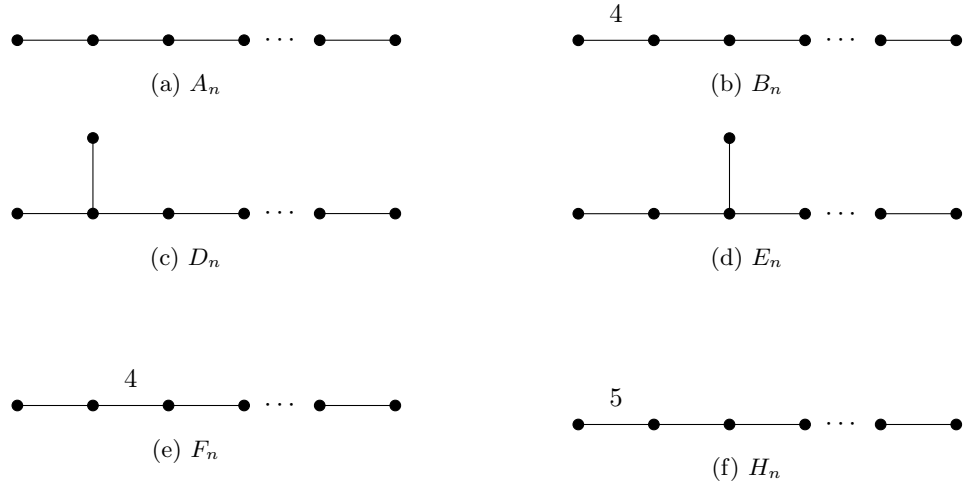


Figure 3: Coxeter graphs corresponding to the FC-finite Coxeter groups.

Star Reducible Heaps

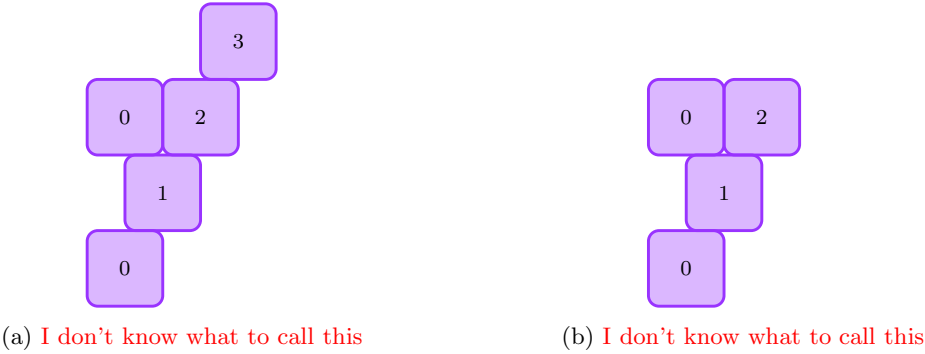


Figure 4: Visualization of Example ??

Weak Star Reducible Heap

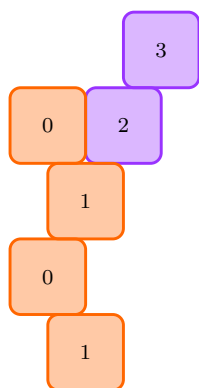
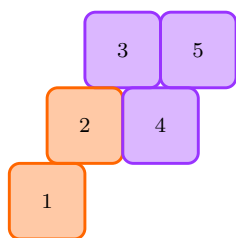


Figure 5: I don't know what to call this

Heaps for Property-T Section



(a) Heap of an element with Property-T



(b) Heap of a T-Avoiding element

Figure 6: Heaps of an element with Property-T and a T-Avoiding element

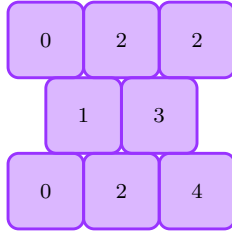
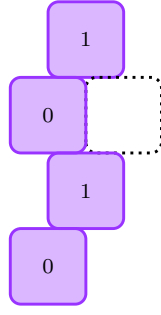
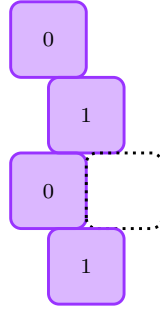


Figure 7: Heap of a non-trivially T-Avoiding element in $W(\tilde{C}_4)$.

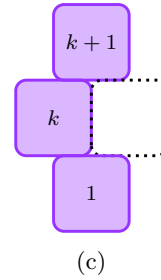
Impermissible subheaps for elements in FC groups



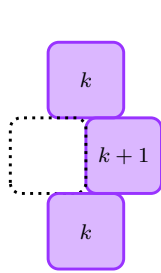
(a)



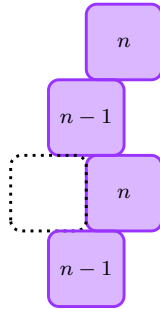
(b)



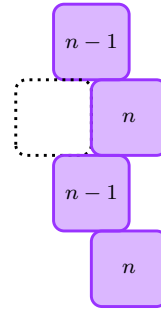
(c)



(d)



(e)



(f)

Figure 8: Impermissible subheaps for elements in $FC(\tilde{C}_n)$.