

1 Cambrian lattices

The Cambrian lattice is a natural generalization of the Tamari lattice in the context of Coxeter groups. This project concerns learning about Cambrian lattices [2, 1].

References

- [1] Nathan Reading. Lattice congruences, fans and hopf algebras. *Journal of Combinatorial Theory, Series A*, 110(2):237 – 273, 2005.
- [2] Nathan Reading. Cambrian lattices. *Adv. Math.*, 205(2):313–353, October 2006.