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**Neal W. Stoltzfus\*** ([stoltz@math.lsu.edu](mailto:stoltz@math.lsu.edu)), Dept. Maths, Baton Rouge, LA 70803. *The Positive Root Posets of Coxeter groups and Special bases for the associated Temperley Lieb algebras (Preliminary Report).*

In previous work (with Josh Genau) special bases were constructed for the Temperley Lieb algebra utilizing a partial order on a set of restricted sequences. The restricted sequence poset has now been related to the positive root poset of the symmetric group. The original construction can now be systematically generalized to all finite reflection groups. (Received September 22, 2005)