The blocks of the periplectic Brauer algebra
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In this talk I will introduce the periplectic Brauer algebra $A_n$ using diagrams and determine its blocks in arbitrary characteristic (different from two). We find the surprising result that there is only one block if $n$ is not too small compared to the positive characteristic.

The motivation to study this periplectic Brauer algebra was representation theory of the periplectic Lie superalgebra. They are related via a Schur-Weyl type duality.