1108-57-580 **Forrest Gordon** and **Peter Lambert-Cole*** (pblamber@indiana.edu), Department of Mathematics, Indiana University, 831 E 3rd Street, Bloomington, IN 47405. *Pretzel knots and knot Floer homology.*

Knot Floer homology associates to each knot K in S^3 a bigraded abelian group $HFK^-(K)$. The pretzel knot $P(p_1, p_2, \ldots, p_n)$ is obtained as the closure of n integer tangles of length $p_1, \ldots, p_n$. We give an explicit, closed-form description of the knot Floer homology groups in terms of the integers $n, p_1, \ldots, p_n$. (Received January 20, 2015)