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**Erica Flapan, Blake Mellor\*** (bmellor@lmu.edu) and **Ramin Naimi**. *Intrinsic linking and knotting are arbitrarily complex.*

We show that, given any  $n$  and  $\alpha$ , every embedding of any sufficiently large complete graph in  $\mathbb{R}^3$  contains an oriented link with components  $Q_1, \dots, Q_n$  such that for every  $i \neq j$ ,  $|\text{lk}(Q_i, Q_j)| \geq \alpha$  and  $|a_2(Q_i)| \geq \alpha$ , where  $a_2(Q_i)$  denotes the second coefficient of the Conway polynomial of  $Q_i$ . (Received March 07, 2008)