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Zoltan Furedi and **Sogol Jahanbekam***, sowkam305@gmail.com. *Minimum number of edges in digraphs with specified diameter.*

Let $r(n, d)$ be the smallest number of edges an n -vertex digraph with diameter at most d can have. In 1987 Dawes and Meijer conjectured that when $d \geq 4$, we have $r(n, d) = n + \frac{n}{\lfloor \frac{d}{2} \rfloor} + O(1)$. Earlier, Goldberg determined $r(n, d)$ for the case d is even. We prove this conjecture for odd integers d , (Received August 29, 2016)