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Hwa Jeong Lee and **Gyo Taek Jin*** (trefoil@kaist.ac.kr), 291 Daehak-ro Yuseong-gu, Department of Mathematical Sciences, KAIST, Daejeon, 34141, South Korea. *Minimal grid diagrams of 11 crossing prime alternating knots.*

The arc index of a knot is the length of a minimal arc presentation. An arc presentation of a knot can be shown in the form of a grid diagram which is a closed plane curve consisting of finitely many horizontal line segments and the same number of vertical line segments. The arc index of an alternating knot is its minimal crossing number plus two. In this article, we list grid diagrams of the 11 crossing prime alternating knots obtained from minimal arc presentations which are of length 13. (Received September 04, 2019)