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**Shuai Wei\*** ([wei6@g.clemson.edu](mailto:wei6@g.clemson.edu)), 743 Issaqueena Trail, 19, Central, SC 29630, and **Sean Sather-Wagstaff**. *Cohen-Macaulay type of weighted edges ideals and path ideals of weighted trees.*

We investigate properties of non-square-free monomials ideals arising from edge-weighted trees. In particular, we characterize when these ideals are Cohen-Macaulay, and we compute their Cohen-Macaulay type. (Received February 10, 2021)