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A new damage evolution model to estimate the creep fracture behavior of brazed joint under multiaxial stress

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Research highlights

- A new model was proposed to reasonably predict creep life.
- The notch weakening effect was found in the brazed joint.
- The creep life increases with notch angle increases while it decreases with notch radius increases.
- The brazed joint under multiaxial stress was mainly fractured by intergranular brittle mode.

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