

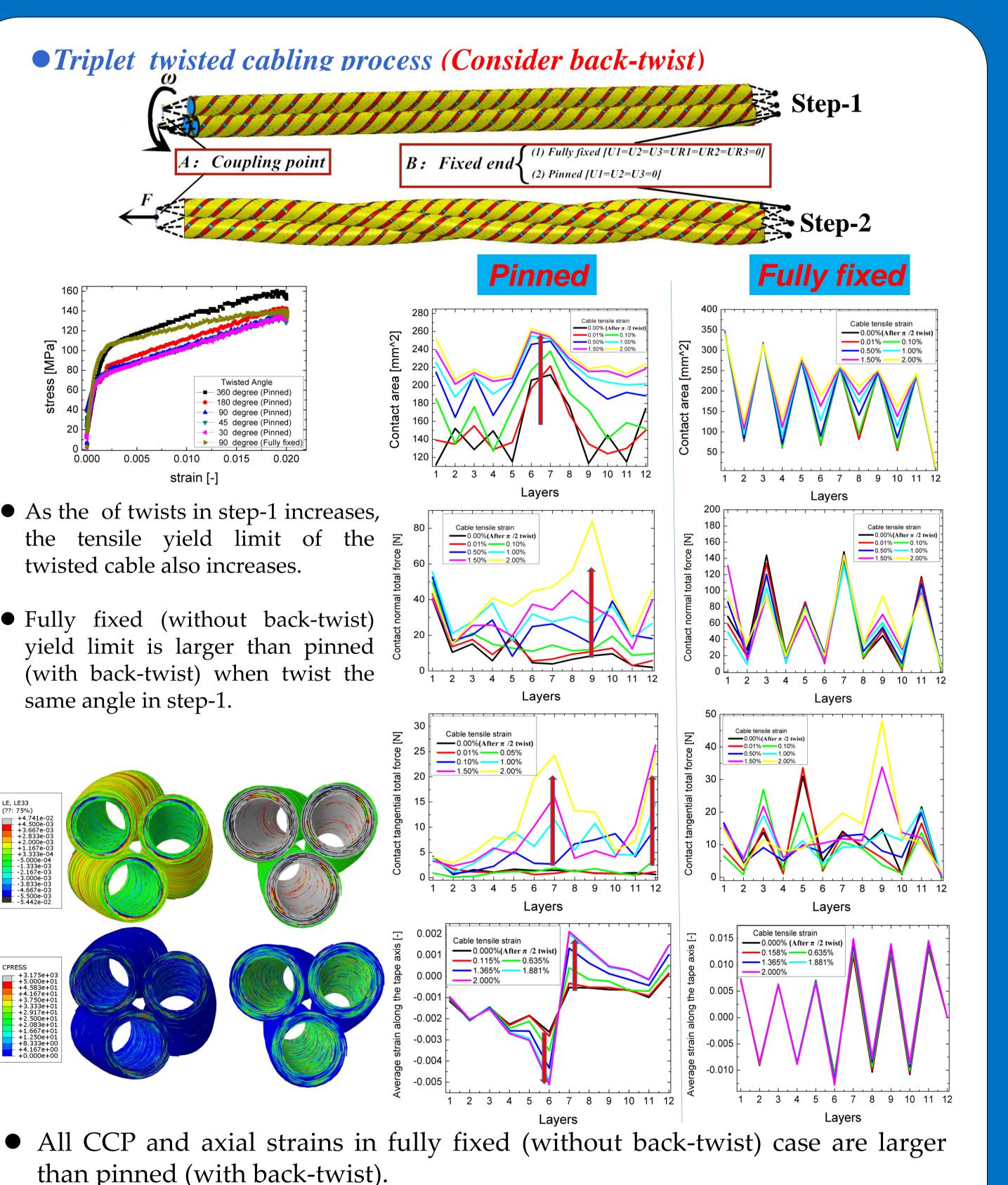
## The Contact Behavior of the CORC Wires under Stretching and Triplet Cabling Process

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• In pinned case, the CCP distribution is larger in the middle layers (the 5, 6, 7, 8th layers) from sawtooth configuration (The odd layer is different from the

## Conclusion

> The CCP (contact area, contact normal force, contact tangential force) and > The deformation of the middle layers are larger than the inner and the outer layers when the CORC wires is subjected to tensile load. > The triplet twisted cabling must be with back-twist to make the

The design and optimization of CORC wires and cables should refer to