

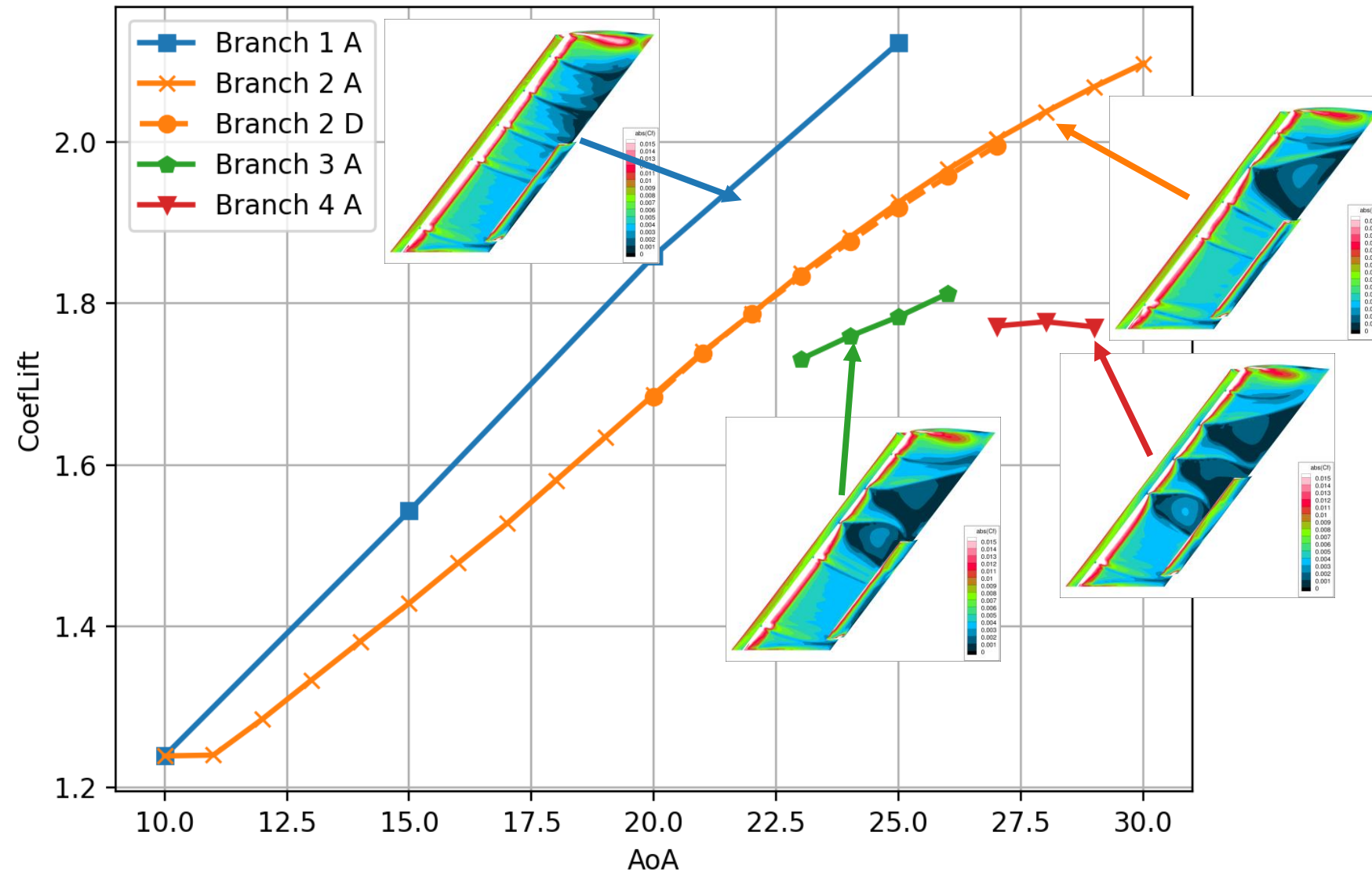
STATUS UPDATE DLR PARTICIPANT ID: 019

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Multiple Solutions

- Nearly all computations are converged 8 orders of magnitude for the same numerical discretization
- Mesh A and D agree very well for Branch 2
- More separated branches were found by using highly dissipative settings, which were then used as initial conditions for the less dissipative settings



Multiple Solutions : Strength of Attraction

- Branch 1 is the strongest attractor up to ~26 degrees from free-stream
- Branch 2 is the strongest attractor after ~26 degrees from free-stream and from Branch 1
- Branch 2 is stable and can be continued down to 11 degrees
- Branches 3 and 4 are weaker attractors and can not be continued to lower angles of attack

