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Ion temperature gradient (ITG) instability in a JT-60SA ITER-like plasma calculated by the global gyrokinetic code GKNET. The upper figure shows the $n=100$ toroidal mode component of the electrostatic potential in the linear phase, and the lower one shows the electrostatic potential after nonlinear saturation. The field-aligned coordinate system enables GKNET to resolve the instability with very fine spatial structure efficiently as shown in these figures.

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