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"Spiral and Whisker Growth During Methane Pyrolysis."

In addition to the report on the spiral growth in pyrocarbon layers at the last Carbon Conference spiral and screw growth in pyrocarbon whiskers and in carbon black during pyrolysis of methane is observed.

The phenomena and their dependence from the deposition parameters are described in detail. All these phenomena are discussed from the point of view of crystal growth on dislocations as well as screw dislocations as step ones.