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STUDY OF COMET DUST TAIL SYNCHRONES C/2020 F3 (poster)

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Based on observations of the comet C/2020 F3 (NEOWISE) from July 23 to August 11, 2020, the dust tail of the comet was studied at the Gissar Astronomical Observatory of the Institute of Astrophysics of the NAST. The cometocentric coordinates of the comet's tail were determined by Moiseev's method and the effective acceleration of dust particles of the comet's tail was calculated. The results show that the comet tail dust particles have a synchronous origin. Comet tails are formed as a result of successive brightness from the surface of the comet nucleus.

Author: Mr SAFAROV, Abduljalol (Tajik National University, Dushanbe, Tajikistan)

Co-authors: ZUHUROV, M.H. (Tajik National University, Dushanbe, Tajikistan); BOBOEV, Sh.S (Tajik National University, Dushanbe, Tajikistan)

Presenter: Mr SAFAROV, Abduljalol (Tajik National University, Dushanbe, Tajikistan)

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