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## <u>No.15</u> <u>Markov chain Monte-Carlo modeling of FSRQ SED</u> <u>Naoyoshi Hirade</u> (Hiroshima Univ.)

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## Purpose..

By modeling SEDs of FSRQ, physical parameters of

relativistic jets can be estimated to the mechanism of jet ejection.

 Problem
 of conventional method

 The model calculation takes much time and not estimate uncertainty.

 Approximation formula of Finke et. al. 2016 and use Markov Chain Monte-Carlo method.



We can estimate SED including uncertainty !!