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Department of Mathematics
Boston College
Chestnut Hill, MA 02467-3806

Dear Members of the Appointment Committee,

I am Chen-wei (Milton) Lin, a Ph.D. candidate in pure mathematics at Johns Hopkins University, focusing on arithmetic geometry, geometric Langlands, homotopy theory, and foundations of machine learning. Under the supervision of Professor David Gepner, I expect to complete my degree in May 2025. I am writing to apply for the postdoctoral position at Boston College. I am eager to engage with the department and collaborate with its faculty, particularly Professors David Treumann, Xin Jin, Solomon Friedberg, Keerthi Madapusi, Benjamin Howard, Avner Ash, and Mark Reeder.

Additionally, I am excited by the work of Professors Kathryn Lindsey, Elisenda Grigsby, and Robert Meyerhoff in the mathematics of machine learning group, which aligns with my growing interest in applying category-theoretic and geometric insights to foundational problems in this field. I look forward to contributing to and learning from this vibrant area of research at Boston College.

My cover letter, curriculum vitae, research statement, and teaching statement are enclosed with this application. In addition, I have arranged for four research letters from mathematics professors – David Gepner (gepner@jhu.edu), Yiannis Sakellaridis (sakellar@jhu.edu), David Hansen (dhansen@nus.edu.sg) and Xinwen Zhu (zhuxw@stanford.edu) – as well as one letter from a computer science professor, Daniel Khashabi (danielk@cs.jhu.edu).

Please let me know if there is anything else I can provide. Thank you in advance for your consideration.

Sincerely,

A handwritten signature in cursive script, appearing to read "Chen-wei (Milton) Lin".

Chen-wei (Milton) Lin