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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, and homotopy theory. Under the supervision of Professor David Gepner, I expect to complete my degree in May 2025. I wish to transition to the field of foundational research in AI, applying my mathematical background. I am writing to apply for NITMB Postdoctoral Fellows in Mathematics and Statistics. I look forward to collaborating with and learning from the many researchers affiliated with the institute, particularly Professors Risi Kondor, Han Liu, and Aravindan Vijayaraghavan, whose work I greatly admire and from whom I hope to gain valuable insights.

My cover letter, curriculum vitae, research statement are enclosed with this application. In addition, I have arranged for one research letter from mathematics professors – David Gepner (gepner@jhu.edu), Yiannis Sakellaridis (sakellar@jhu.edu), and Xinwen Zhu (zhuxw@stanford.edu) – as well as two letters from researchers in the field of machine learning, Professor Daniel Khashabi (danielk@cs.jhu.edu) and Dr. Chris Hillar, (cav@mac.com).

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

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Wei' with a stylized flourish at the end.

Chen-wei (Milton) Lin