Chen-wei (Milton) Lin Department of Mathematics Johns Hopkins University Baltimore, MD 21218 clin130@jhu.edu +1 4434676477

December 1, 2024

Department of Mathematics The University of Texas at Austin 1 University Station, C1200 Austin, TX 78712

Dear Members of the Appointment Committee,

l ~ C. Wei

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 am writing to apply for the R.H. Bing Fellowship. I am eager to engage with the department and collaborate with its faculty, particularly Professors David Ben-Zvi, Chiara Damiolini, Bernd Siebert, and Sam Payne, whose work I greatly admire and from whom I hope to gain valuable insights.

My cover letter, curriculum vitae, research statement, teaching statement, and list of publications are enclosed with this application. In addition, I have arranged for five recommendation letters to be sent: These will be research letters from David Gepner (gepner@jhu.edu), Yiannis Sakellaridis (sakellar@jhu.edu), David Hansen (dhansen@nus.edu.sg) and Xinwen Zhu (zhuxw@stanford.edu) and one teaching letter from Emily Braley (ebraley1@jhu.edu).

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

Sincerely,

Chen-wei (Milton) Lin