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Youngmin Park
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To who it may concern:

My name is Youngmin Park. I am a graduate student at the University of Pittsburgh department of mathematics, working in the areas of weakly coupled oscillators and neural field models. I expect to receive a Ph.D. from the University of Pittsburgh in May of 2018 under the direction of my advisor Bard Ermentrout. I would like to apply for a postdoctoral position at the Center for Theoretical Neuroscience.

My work is largely in the realm of applied mathematics. My masters thesis is on the phase response curve of piecewise smooth oscillators, a topic which I continue to pursue today. In addition, more recent work involves the reduction of high dimensional conductance-based or mean-field models to low dimensional scalar models. I understand these techniques are not well-suited for theoretical neuroscience, but I am generally motivated by learning the necessary tools to make substantial contributions in neuroscience.

With my application, I include a curriculum vitae and a list of publications.

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

Sincerely, Youngmin Park