1146-93-464 **Scott Hansen*** (shansen@iastate.edu). *Boundary control as a limit of distributed controls.*

We consider a wave equation with a distributed control active on a neighborhood of an endpoint. Russell's principle allows for the construction of control functions obtained from an exponentially stabilizing feedback supported on the control region. We study the limit as the support of the control region goes to zero near an endpoint to obtain a boundary control. We show in particular that Neumann and Dirichlet boundary controls can be obtained as weak limits in appropriately defined spaces. (Received January 28, 2019)