



MAX-PLANCK-GESELLSCHAFT

Lars Thorge Jensen



January 2018: PhD from the University of Bonn/Max Planck Institute for  
Mathematics (Supervisor: Prof. Dr. Geordie Williamson)  
Currently: Postdoc in the GRTA program

Hecke category  $\mathbf{H}$

⌞  
⌞  
⌞  
⌞

Hecke algebra  $\mathcal{H}$



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Hecke category  ${}^k\mathbf{H}$   
⚡  
Hecke algebra  $\mathcal{H}$

$k = \bar{k}$  field of characteristic  $p > 0$

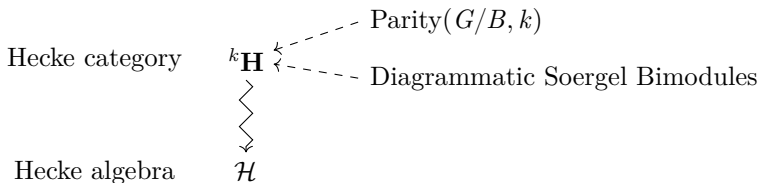


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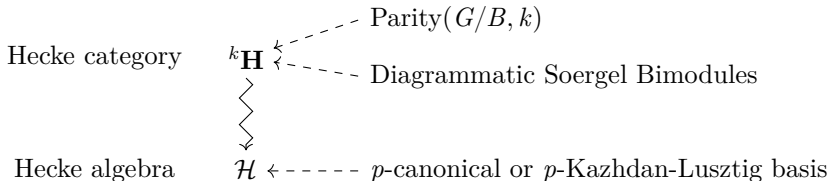
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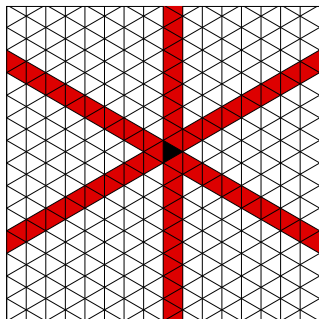
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# Right Kazhdan-Lusztig Cells in Type $\widetilde{A}_2$



# Right $p$ -Cells in Type $\widetilde{A}_2$ and $p = 5$

