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## Embodied Noticing in Mathematics: Pre-service Teachers' Observations and Noticings

Jonathan Troup

*California State University, Bakersfield*, [jtroup@csub.edu](mailto:jtroup@csub.edu)

Liza Bondurant

*Mississippi State University*, [lb2206@msstate.edu](mailto:lb2206@msstate.edu)

Claudia Bertolone-Smith

*California State University, Chico*, [cmbertolone-smith@csuchico.edu](mailto:cmbertolone-smith@csuchico.edu)

Diana Moss

*University of Nevada, Reno*, [dmoss@unr.edu](mailto:dmoss@unr.edu)

Hortensia Soto

*Colorado State University*, [hortensia.soto@colostate.edu](mailto:hortensia.soto@colostate.edu)

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**EMBODIED NOTICING IN  
MATHEMATICS:  
PRESERVICE TEACHERS  
OBSERVATIONS &  
NOTICINGS**



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Jonathan Troup  
CSU Bakersfield



Liza Bondurant  
Mississippi State  
University



Claudia  
Bertolone-Smith  
CSU Chico

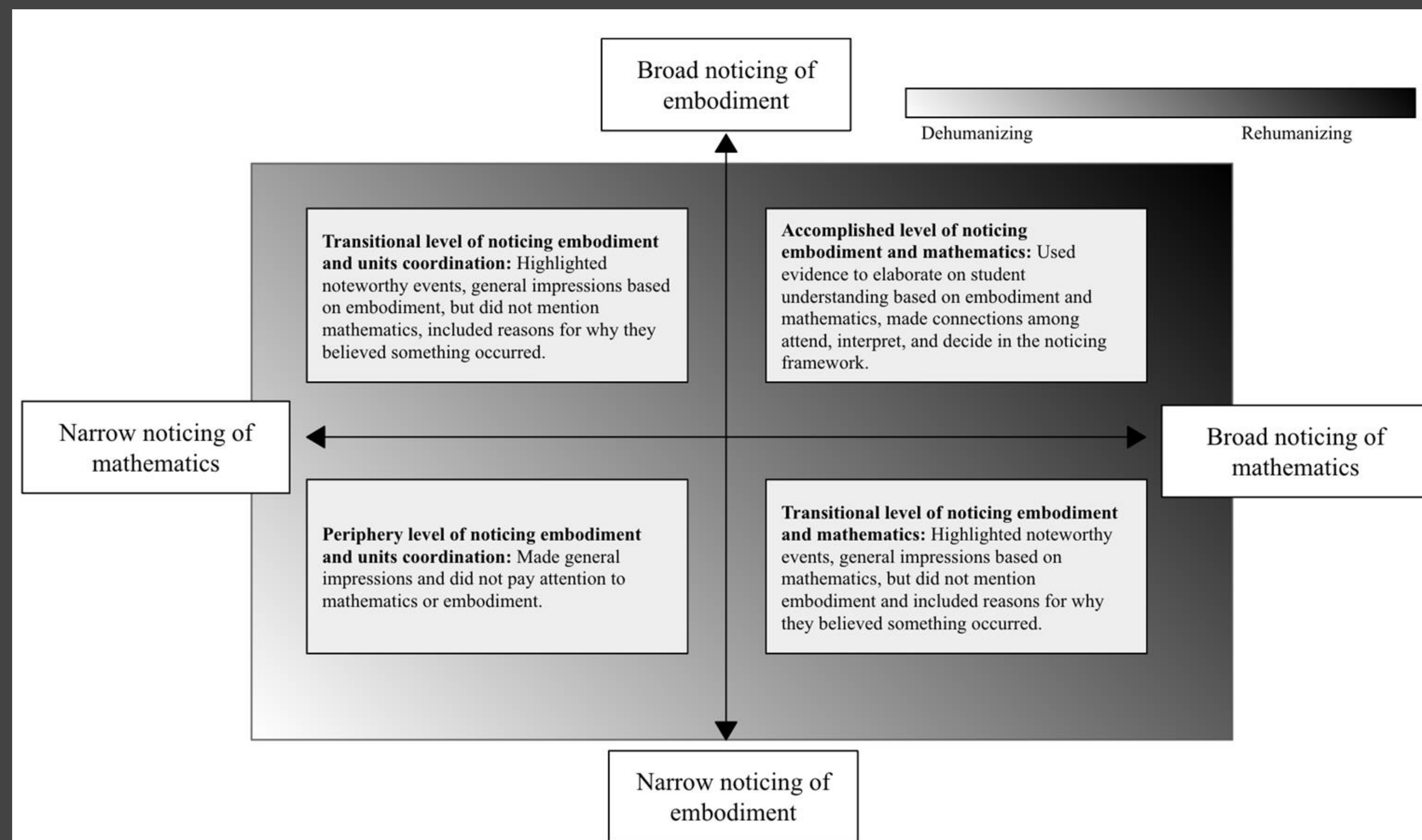


Diana L. Moss  
University of  
Nevada, Reno



Hortensia Soto  
Colorado State  
University

*Do preservice teachers **notice**  
**embodiment** and how can noticing  
**embodiment rehumanize maths?***



**Embodied Utterances:**

- Eye Motion
- Facial Expression
- Gaze
- Body Poise
- Sound Production
- Body Motion
- Hand Gesture
- Manipulative Use

**Noticing:**

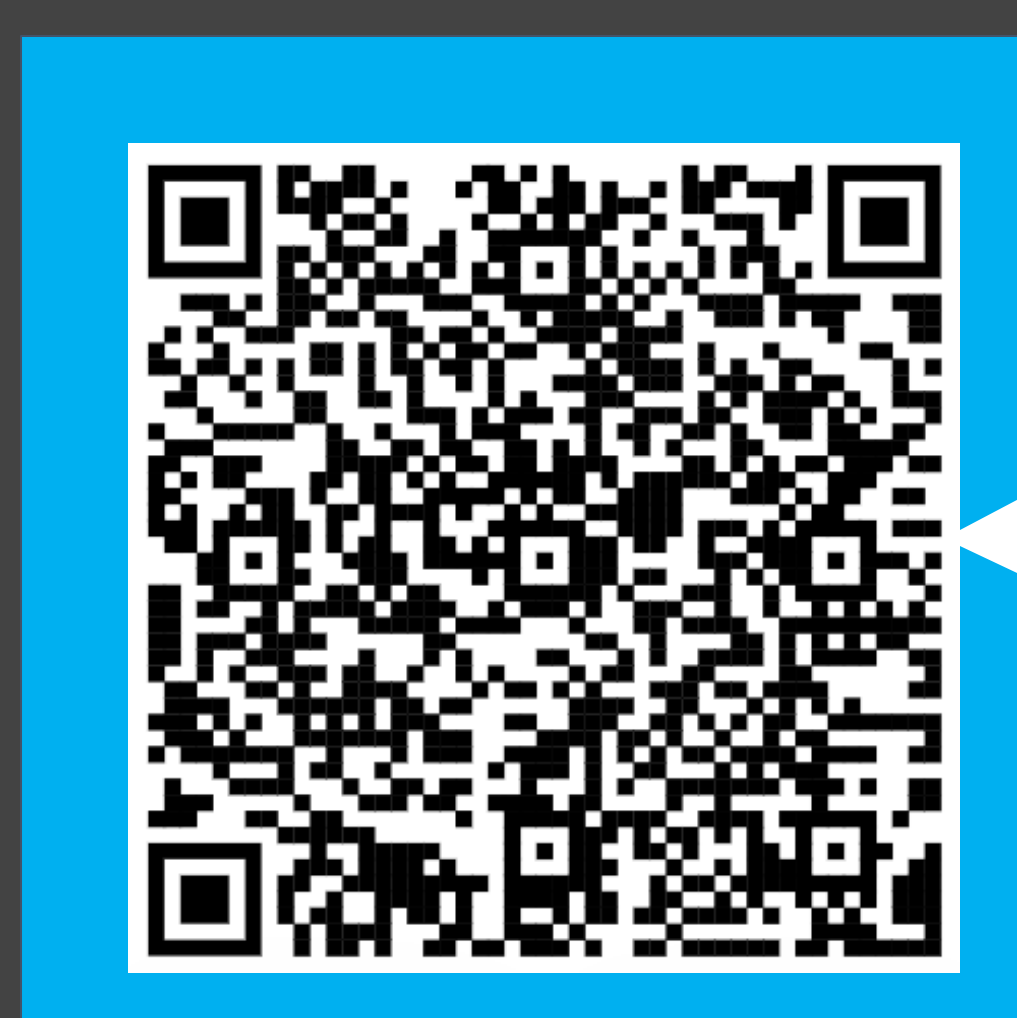
- Attending
- Interpreting
- Responding

**Findings:**

- Written/verbal focus
- Miss embodiment
- Deficit lens

**Recommendations**

- Expand scope of PT noticing
- Emphasize embodied noticing



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