

Bi-State Math Colloquium

Who: Miyeon Kwon

When: Thursday, October 12, 4:00 pm

Where: Ottensman 122, UW-Platteville

Applications of Linear Algebra in Calculus

The notion of basis is fundamental in linear algebra, but students often have trouble appreciating its importance and usefulness. This talk is to illustrate some applications of facts related to basis in solving typical calculus problems. Particularly, we will see that the standard matrix operations can be applied in place of the usual integration techniques such as substitution or integration by parts.

Miyeon Kwon earned her Ph.D. from University of Alabama, studying Operator Theory. She has been teaching at UW-Platteville since 2004. Her interest is anything related to absolute facts, not alternative facts. She enjoys hanging around with her family in her spare time.