Subject: ATAN with two arguments works like ATAN2
From: Van Snyder
Reference: 03-258r1, section 2.4.4.2

Number

TBD

Title

ATAN with two arguments works like ATAN2.

Submitted By

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Status

For consideration.

Basic Functionality

Define an alternative ATAN that works like ATAN2.

Rationale

ATAN is generic. It is surprising to students that they need to use ATAN2 just because they have the two-argument formulation.

Estimated Impact

Minor: One more description for an existing intrinsic function — and we already have the description.

Detailed Specification

Provide a specification for how ATAN works with two arguments, based on how ATAN2 works.

History