

L2/10-264

Subject: UTC Agenda Item Request: Mathematical Character Properties**From:** Asmus Freytag <asmusf@ix.netcom.com>**Date:** Tue, 27 Jul 2010 15:34:00 -0700**To:** Mistress of the Docs <l2doc@unicode.org>, Lisa Moore <lisam@us.ibm.com>**CC:** Eric Muller <emuller@adobe.com>, Murray Sargent <murrays@exchange.microsoft.com>

Please place the following two items on the UTC agenda

1.) Characters that should have the MATH property

There are two characters in the 2100 block that should get the MATH property

U+2107 EULER CONSTANT

U+2118 SCRIPT CAPITAL P (aka. Weierstrass elliptic function)

2) Request for formal character alias

The name of the character

U+2118 SCRIPT CAPITAL P

is a complete misnomer - it neither describes the form (in actuality the glyph is a lowercase, calligraphic p), nor does it describe the function (Weierstrass elliptic function).

Because the name describes a form that the character doesn't have (upper case), it's actually not just not descriptive, but misleading. Therefore, the character would most definitely appear to qualify for a formal character alias.

At the time that the mistaken character name was first identified, formal aliases did not exist, and subsequently the character was overlooked when the initial set of such aliases was created.

This proposal intends to rectify the situation.

Because the character's form is one of a kind and it's function limited to math, the formal alias should be based on the function (in analogy to the name of U+2107).

Proposed addition to NameAlias.txt:

2118; WEIERSTRASS ELLIPTIC FUNCTION

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