
Subject: change of attributes: cos phi -> phase displacement angle

Posted by [Joerg von Lingen](#) on Wed, 02 Sep 2009 05:34:53 GMT

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Hi,

I have received the request to change any occurrence of "cos phi" (phase angle) in rollingstock to just the angle "phi" itself. The expression with cosinus does only allow the coverage of two quadrants, which may not be sufficient for modern power electronics. The use of "phi" instead will allow to clearly identify one of the four possible quadrants of the phase angle.

The possible values shall be -180 ... +180 instead of 0..1.

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Mit freundlichen Grüßen/Best regards,

Jörg von Lingen
