

Geosci. Instrum. Method. Data Syst. Discuss., author comment AC1  
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## Sign error equation 6

Bartosz Zawilski

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Author comment on "The soil heat flux sensor functioning checks, imbalances' origins, and forgotten energies" by Bartosz M. Zawilski, Geosci. Instrum. Method. Data Syst. Discuss., <https://doi.org/10.5194/gi-2021-34-AC1>, 2021

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Dear Readers,

I have noticed only now an error of sign in my equation 6 (p. 18 line 318) in front of  $H_p$ . At the beginning I considered it as a correction but calculated it as cooling power density so, it should be "+ $H_p$ " not "- $H_p$ " as it is in the manuscript. Equation 6 became:

$$R_n - (G + G_{TH}^L - G_{ET}^L - G_P^S + S_C + S_P) + H_p = H + L_e$$

Consequently, the sentence of the line 323-324 should be changed accordingly to: "Only  $H_p$  term helps for SEB equation closure as it represents a soil surface cooling then a negative term."