



**DETERMINATION OF MEASUREMENT UNCERTAINTIES IN PHOTOMETRY**  
**SUPPLEMENT 1: MODULES AND EXAMPLES FOR THE DETERMINATION OF**  
**MEASUREMENT UNCERTAINTIES**

**Part 4: Examples for Models with Distributions**

**TECHNICAL CORRIGENDUM 1**

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1. Page 4:

Replace Equation 4.1.2:

$$P_i = \frac{z \cdot \lambda_i^{-5}}{\exp v_i - 1}; \Rightarrow P_{i,T} = \frac{1}{T} \frac{z \cdot \lambda_i^{-5} \cdot v_i \cdot \exp v_i}{(\exp v_i - 1)^2}; \quad v_i = \frac{c_2}{\lambda_i \cdot T} \quad (4.1.2)$$
$$f_{i,a} = \frac{S}{a \cdot P_i} - 1; \Rightarrow f_{i,T} = -\frac{f_i + 1}{T} \frac{v_i \cdot \exp v_i}{\exp v_i - 1}$$

with:

$$f_{i,a} = -\frac{S_i}{a^2 \cdot P_i} = -\frac{f_i + 1}{a}; \quad f_{i,T} = -\frac{f_i + 1}{T} \frac{v_i \exp v_i}{\exp v_i - 1} \quad (4.1.2)$$

2. Page 4:

Replace NOTE below Equation 4.1.2:

NOTE Instead of the analytical derivatives the values can also be determined by the numerical differentiation of Eqn. (13).

with:

NOTE Instead of the analytical derivatives the values can also be determined by the numerical differentiation of Eqn. (4.1.1).

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