Erratum

"Modeling of bubble-layer thickness for formulation of one-dimensional interfacial area transport equation in subcooled boiling two-phase flow"
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The publishers regret that the following corrections were omitted in the published version. These corrections are printer below.

p.1410 (First column, Nomenclature, lines 37-38) The text "heater rod surface" should read as the following:

heater rod surface or tube center

p.1410 (Second column, Nomenclature, line 13) The text "heater rod surface" should read as the following:

heater rod

p.1413 (First column, line 8) The text "heater rod surface" should read as the following:

heater rod

p.1413 (First column, Eq.(7)) The text should read as the following:

$$ j = \frac{n+1}{n} \langle j \rangle \left\{ 1 - \left| 1 - \frac{2r}{R - R_0} \right|^n \right\} $$

p.1413 (Second column, Eq.(10)) The text should read as the following:

$$C_0 = \frac{n+1}{2n} \frac{R^2 - R_0^2}{x_{WP}(x_{WP} + 2R_0)} \times$$

$$\left[\frac{2R_0}{R+R_0} \frac{2x_{WP}}{R-R_0} + \frac{R-R_0}{2(R+R_0)} \left(\frac{2x_{WP}}{R-R_0} \right)^2 + \frac{1}{n+1} \left\{ \left(1 - \frac{2x_{WP}}{R-R_0} \right)^{n+1} - 1 \right\} - \frac{R-R_0}{R+R_0} \frac{1}{n+2} \left\{ \left(1 - \frac{2x_{WP}}{R-R_0} \right)^{n+2} - 1 \right\} \right]$$

for $0 \le x_{WP} \le \dfrac{R-R_0}{2}$,

$$C_0 = \frac{n+1}{2n} \frac{R^2 - R_0^2}{x_{WP}(x_{WP} + 2R_0)} \times \left\{ \frac{n(3n+5)R_0 + n(n+3)R}{2(n+1)(n+2)(R+R_0)} \right.$$

$$\left. + \left(\frac{2x_{WP}}{R-R_0} - 1 \right) + \frac{R-R_0}{2(R+R_0)} \left(\frac{2x_{WP}}{R-R_0} - 1 \right)^2 - \frac{1}{n+1} \left(\frac{2x_{WP}}{R-R_0} - 1 \right)^{n+1} - \frac{R-R_0}{R+R_0} \frac{1}{n+2} \left(\frac{2x_{WP}}{R-R_0} - 1 \right)^{n+2} \right\}$$

for $\dfrac{R-R_0}{2} \le x_{WP} \le R - R_0$.

(10)

p.1417 (First column, lines 2-3) The text "the effect of the distribution parameter on the channel geometry" should read as the following:

the effect of the channel geometry on the distribution parameter

p.1417 (First column, line 9) The text "Eqs.(7) and (20), respectively" should read as the following:

Eqs.(7)' and (20), respectively

$$j = \frac{n+2}{n} \langle j \rangle \left\{ 1 - \left(\frac{r}{R_P} \right)^n \right\}$$

(7)'

where r is the radial coordinate measured from the tube center.

p.1417 (Second column, line 2) The text "Eqs.(7), (9) and (20)," should read as the following:

Eqs.(7)', (9) and (20),

p.1417 (Fig.7) The horizontal axis "x" should read as the following

r