1 lmodern-math

$$a, b, c \quad \mathbf{a}, \mathbf{b}, \mathbf{c} \quad \alpha, \beta, \gamma \quad \boldsymbol{\alpha}, \boldsymbol{\beta}, \boldsymbol{\gamma} \quad \mathbb{R}, \mathbb{Z}, \mathbb{N}$$

$$\phi(t) = \frac{1}{\sqrt{2\pi}} \int_0^t e^{-x^2/2} dx \tag{1.1}$$

$$\prod_{j \geq 0} \left(\sum_{k \geq 0} a_{jk} z^k \right) = \sum_{k \geq 0} z^n \left(\sum_{\substack{k_0, k_1, \ldots \geq 0 \\ k_0 + k_1 + \ldots = n}} a_0 k_0 a_{1 k_1} \ldots \right) \tag{1.2}$$

$$\pi(n) = \sum_{m=2}^{n} \left\lfloor \left(\sum_{k=1}^{m-1} \lfloor (m/k)/\lceil m/k \rceil \rfloor \right)^{-1} \right\rfloor \tag{1.3}$$

$$\{\underbrace{\overbrace{a, \ldots, a}^{k\ a's}, \overbrace{b, \ldots, b}^{l\ b's}}_{k+1 \text{ elements}}\} \tag{1.4}$$

$$\mathrm{W}^+ \begin{array}{l} \nearrow \mu^+ + \nu_\mu \\ \rightarrow \pi^+ + \pi^0 \\ \\ \rightarrow \kappa^+ + \pi^0 \\ \searrow \mathrm{e}^+ + \nu_\mathrm{e} \end{array}$$

$$F(x, y) = 0 \quad \text{and} \quad \begin{vmatrix} F''_{xx} & F''_{xy} & F'_x \\ F''_{yx} & F''_{yy} & F'_y \\ F'_x & F'_y & 0 \end{vmatrix} = 0$$

$$\frac{\pm \begin{vmatrix} x_1 - x_2 & y_1 - y_2 & z_1 - z_2 \\ l_1 & m_1 & n_1 \\ l_2 & m_2 & n_2 \end{vmatrix}}{\sqrt{\begin{vmatrix} l_1 & m_1 \\ l_2 & m_2 \end{vmatrix}^2 + \begin{vmatrix} m_1 & n_1 \\ n_1 & l_1 \end{vmatrix}^2 + \begin{vmatrix} m_2 & n_2 \\ n_2 & l_2 \end{vmatrix}^2}}$$

$$\begin{aligned} \sigma_0^f(Q, T_{3R}, \beta, s) = \frac{4\pi\alpha^2}{3s} \beta \times \Bigg[& \frac{Q^2 \left\{ \frac{3 - \beta^2}{2} \right\} - 2QC_V C'{}_V s(s - M_Z^2)}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ \frac{3 - \beta^2}{2} \right\}} \\ & + \frac{(C_V^2 + C_A^2) s^2}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ C'{}_V^2 \left\{ \frac{3 - \beta^2}{2} \right\} + C'{}_A^2 \{\beta^2\} \right\}} \Bigg] \end{aligned} \tag{1.5}$$

2 Cambria Math

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$$\phi(t) = \frac{1}{\sqrt{2\pi}} \int_0^t e^{-x^2/2} dx \tag{2.1}$$

$$\prod_{j\geq 0} \left(\sum_{k\geq 0} a_{jk} z^k \right) = \sum_{k\geq 0} z^n \left(\sum_{\substack{k_0, k_1, \ldots \geq 0 \\ k_0 + k_1 + \ldots = n}} a_0 k_0 a_{1k_1} \ldots \right) \tag{2.2}$$

$$\pi(n) = \sum_{m=2}^{n} \left[\left(\sum_{k=1}^{m-1} \lfloor (m/k) / \lceil m/k \rceil \rfloor \right)^{-1} \right] \tag{2.3}$$

$$\{ \underbrace{\overbrace{a, \ldots, a}^{k\ a's}, \overbrace{b, \ldots, b}^{l\ b's}}_{k+1 \text{ elements}} \} \tag{2.4}$$

$$\mathrm{W}^+ \begin{matrix} \nearrow \mu^+ + \nu_\mu \\ \rightarrow \pi^+ + \pi^0 \\ \rightarrow \kappa^+ + \pi^0 \\ \searrow \mathrm{e}^+ + \nu_\mathrm{e} \end{matrix}$$

$$F(x, y) = 0 \quad \text{and} \quad \begin{vmatrix} F''_{xx} & F''_{xy} & F'_x \\ F''_{yx} & F''_{yy} & F'_y \\ F'_x & F'_y & 0 \end{vmatrix} = 0$$

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$$\sigma_0^f(Q, T_{3R}, \beta, s) = \frac{4\pi\alpha^2}{3s} \beta \times \left[\frac{Q^2 \left\{ \frac{3 - \beta^2}{2} \right\} - 2QC_V C'_V s(s - M_Z^2)}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ \frac{3 - \beta^2}{2} \right\}} + \frac{(C_V^2 + C_A^2) s^2}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ C'^2_V \left\{ \frac{3 - \beta^2}{2} \right\} + C'^2_A \{\beta^2\} \right\}} \right] \tag{2.5}$$

3 TeX Gyre Termes Math

$$a, b, c \quad \mathbf{a}, \mathbf{b}, \mathbf{c} \quad \alpha, \beta, \gamma \quad \boldsymbol{\alpha}, \boldsymbol{\beta}, \boldsymbol{\gamma} \quad \mathbb{R}, \mathbb{Z}, \mathbb{N}$$

$$\phi(t) = \frac{1}{\sqrt{2\pi}} \int_0^t e^{-x^2/2} dx \tag{3.1}$$

$$\prod_{j\geq 0} \left(\sum_{k\geq 0} a_{jk} z^k \right) = \sum_{k\geq 0} z^n \left(\sum_{\substack{k_0, k_1, \ldots \geq 0 \\ k_0 + k_1 + \ldots = n}} a_0 k_0 a_{1k_1} \ldots \right) \tag{3.2}$$

$$\pi(n) = \sum_{m=2}^{n} \left[\left(\sum_{k=1}^{m-1} \lfloor (m/k) / \lceil m/k \rceil \rfloor \right)^{-1} \right] \tag{3.3}$$

$$\{ \underbrace{\overbrace{a, \ldots, a}^{k\ a's}, \overbrace{b, \ldots, b}^{l\ b's}}_{k+1 \text{ elements}} \} \tag{3.4}$$

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$$\begin{aligned} \sigma_0^f(Q, T_{3R}, \beta, s) = \frac{4\pi\alpha^2}{3s} \beta \times \left[\frac{Q^2 \left\{ \frac{3 - \beta^2}{2} \right\} - 2QC_V C'_V s(s - M_Z^2)}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ \frac{3 - \beta^2}{2} \right\}} \right. \\ \left. + \frac{(C_V^2 + C_A^2) s^2}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ C'^2_V \left\{ \frac{3 - \beta^2}{2} \right\} + C'^2_A \{\beta^2\} \right\}} \right] \end{aligned} \tag{3.5}$$

4 TeX Gyre Pagella Math

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$$\phi(t) = \frac{1}{\sqrt{2\pi}} \int_0^t e^{-x^2/2} dx \tag{4.1}$$

$$\prod_{j \geq 0} \left(\sum_{k \geq 0} a_{jk} z^k \right) = \sum_{k \geq 0} z^n \left(\sum_{\substack{k_0, k_1, \ldots \geq 0 \\ k_0 + k_1 + \ldots = n}} a_0 k_0 a_{1k_1} \ldots \right) \tag{4.2}$$

$$\pi(n) = \sum_{m=2}^{n} \left\lfloor \left(\sum_{k=1}^{m-1} \lfloor (m/k) / \lceil m/k \rceil \rfloor \right)^{-1} \right\rfloor \tag{4.3}$$

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$$\begin{aligned} \sigma_0^f(Q, T_{3R}, \beta, s) = \frac{4\pi\alpha^2}{3s} \beta \times & \left[\frac{Q^2 \left\{ \dfrac{3 - \beta^2}{2} \right\} - 2QC_V C'_V s(s - M_Z^2)}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ \dfrac{3 - \beta^2}{2} \right\}} \right. \\ & \left. + \frac{(C_V^2 + C_A^2) s^2}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ C'^2_V \left\{ \dfrac{3 - \beta^2}{2} \right\} + C'^2_A \{\beta^2\} \right\}} \right] \end{aligned} \tag{4.5}$$

5 Asana Math

$$a, b, c \quad \mathbf{a}, \mathbf{b}, \mathbf{c} \quad \alpha, \beta, \gamma \quad \boldsymbol{\alpha}, \boldsymbol{\beta}, \boldsymbol{\gamma} \quad \mathbb{R}, \mathbb{Z}, \mathbb{N}$$

$$\phi(t) = \frac{1}{\sqrt{2\pi}} \int_0^t e^{-x^2/2} dx \tag{5.1}$$

$$\prod_{j\geq 0} \left(\sum_{k\geq 0} a_{jk} z^k \right) = \sum_{k\geq 0} z^n \left(\sum_{\substack{k_0, k_1, \ldots \geq 0 \\ k_0 + k_1 + \ldots = n}} a_0 k_0 a_{1k_1} \ldots \right) \tag{5.2}$$

$$\pi(n) = \sum_{m=2}^{n} \left[\left(\sum_{k=1}^{m-1} \lfloor (m/k)/\lceil m/k \rceil \rfloor \right)^{-1} \right] \tag{5.3}$$

$$\{ \overbrace{a, \ldots, a}^{k\ a's}, \overbrace{b, \ldots, b}^{l\ b's} \}_{\underbrace{}_{k+1 \text{ elements}}} \tag{5.4}$$

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$$\begin{aligned} \sigma_0^f(Q, T_{3R}, \beta, s) = \frac{4\pi\alpha^2}{3s} \beta \times \Bigg[& \frac{Q^2 \left\{ \frac{3-\beta^2}{2} \right\} - 2QC_V C'_V s(s - M_Z^2)}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ \frac{3-\beta^2}{2} \right\}} \\ & + \frac{(C_V^2 + C_A^2) s^2}{(s - M_Z^2)^2 + M_Z^2 \Gamma_Z^2 \left\{ C'^2_V \left\{ \frac{3-\beta^2}{2} \right\} + C'^2_A \{\beta^2\} \right\}} \Bigg] \end{aligned} \tag{5.5}$$

6 XITS Math

$$a, b, c \quad \mathbf{a}, \mathbf{b}, \mathbf{c} \quad \alpha, \beta, \gamma \quad \boldsymbol{\alpha}, \boldsymbol{\beta}, \boldsymbol{\gamma} \quad \mathbb{R}, \mathbb{Z}, \mathbb{N}$$

$$\phi(t) = \frac{1}{\sqrt{2\pi}} \int_0^t e^{-x^2/2} dx \tag{6.1}$$

$$\prod_{j\geq 0} \left(\sum_{k\geq 0} a_{jk} z^k \right) = \sum_{k\geq 0} z^n \left(\sum_{\substack{k_0,k_1,\ldots\geq 0 \\ k_0+k_1+\ldots=n}} a_0 k_0 a_{1k_1} \ldots \right) \tag{6.2}$$

$$\pi(n) = \sum_{m=2}^{n} \left[\left(\sum_{k=1}^{m-1} \lfloor (m/k)/\lceil m/k \rceil \rfloor \right)^{-1} \right] \tag{6.3}$$

$$\{ \underbrace{\overbrace{a, \ldots, a}^{k\ a's}, \overbrace{b, \ldots, b}^{l\ b's}}_{k+1\ \text{elements}} \} \tag{6.4}$$

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