

$$\gamma \in : \quad \gamma_\nu^\sharp = \int\limits_{dv}^{r\mathbb{T}^d} \frac{v\gamma}{v^\nu + 1} \Rightarrow {}^w\gamma \Leftarrow \sum_\nu^{d\mathbb{Z}} w^\nu \, \gamma_\nu^\sharp$$

$$\circlearrowleft \supset K \text{ cpt } \Rightarrow R_-^j < \varrho_-^j = \bigwedge^K_w |w^j| \leqslant \bigvee^K_w |w^j| = \varrho_+^j < R_+^j : \quad {}^w\gamma \stackrel{K}{\Leftarrow} \sum_\nu^{d\mathbb{Z}} w^\nu \, \gamma_\nu^\sharp$$

$$\begin{cases} R_-^j < r_-^j < \varrho_-^j \leqslant \overline{|w^j|} \leqslant \varrho_+^j < r_+^j < R_+^j \\ 0 < q^j = \frac{\varrho_+^j}{r_+^j} \vee \frac{r_-^j}{\varrho_-^j} \end{cases} \Rightarrow \overline{{}^w\gamma - \sum_{|\nu| < N} w^\nu \gamma_\nu^\sharp} \leqslant \frac{\widehat{1+q}^1 - \widehat{1+q-2q^N}^1}{(1-q)^1} \sum_{|v|}^{r_-|r_+} \overline{v}\gamma$$

$$\begin{aligned} \text{Ind}_{1 \geqslant d} \overline{{}^w\gamma - \sum_{|_1\nu| < N} {}^1w^\nu \gamma_{_1\nu}^\sharp} &\leqslant \sum_{|_1\nu| \geqslant N} {}^1q_1^\nu = \frac{2q_1^N}{1-q_1} = \frac{\widehat{1+q}_1^1 - \widehat{1+q_1-2q_1^N}^1}{1-q_1}: 1 \leqslant n-1 \curvearrowright n: \\ \overline{{}^w\gamma - \sum_{|_1\nu| < N} {}^1w^\nu \gamma_{_1\nu}^\sharp} &\leqslant \overline{{}^{w^1:w'}\gamma - \sum_{|_1\nu| < N} {}^{v^1:w'}_1w^1 dv^1 \frac{v^1:w'}{v} \gamma_{_1\nu}^\sharp} + \overline{\sum_{|_1\nu| < N} {}^1w^\nu dv^1 \frac{1}{v^{\nu+1}} {}^{v^1:w'}\gamma - \sum_{|\nu| < N} {}^1w' \int\limits_{dv'}^{r\mathbb{T}^{n-1}} \frac{v^1:v'}{v^{\nu+1}} \gamma} \\ &= \overline{{}^{w^1:w'}\gamma - \sum_{|_1\nu| < N} {}^1w^\nu \gamma_{_1\nu}^* w'} + \overline{\sum_{|_1\nu| < N} {}^1w^1 \int\limits_{dv^1} \frac{1}{v^{\nu+1}} \left({}^{v^1:w'}\gamma - \sum_{|\nu| < N} {}^1w' \gamma_{_\nu}^* v^1 \right)} \\ &\leqslant \frac{2q_1^N}{1-q_1} + \sum_{|_1\nu| < N} {}^1q_1^{|_1\nu|} \frac{(1+\widetilde{q})^1 - (1+\widetilde{q}-2\widetilde{q}^N)^1}{(1-\widetilde{q})^1} \\ &= \frac{2q_1^N}{1-q_1} + \frac{(1+q_1) - (1+q_1-2q_1^N)}{1-q_1} \frac{(1+\widetilde{q})^1 - (1+\widetilde{q}-2\widetilde{q}^N)^1}{(1-\widetilde{q})^1} \\ &= \frac{1}{(1-q)^1} \left(2q_1^N (1-\widetilde{q})^1 + (1+q_1-2q_1^N) (1+\widetilde{q})^1 - (1+q-2q^N)^1 \right)^1 \\ &\leqslant \frac{1}{(1-q)^1} \left(2q_1^N (1+\widetilde{q})^1 + (1+q_1-2q_1^N) (1+\widetilde{q})^1 - (1+q-2q^N)^1 \right) = \frac{(1+q)^1 - (1+q-2q^N)^1}{(1-q)^1} \end{aligned}$$