**TS 18661 DR 18**

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**Reference Document:** TS 18661-4

**Subject:** missing specification of preferred quantum exponents

**Summary**

TS 18661-4 neglected to specify the preferred quantum exponent for its new functions. This was an oversight. The following suggested TC adds the missing specification.

**Suggested Technical Corrigendum**

In TS 18661-4, at the end of clause 7, append:

In the Preferred Quantum Exponents table in 5.2.4.2.2a#7, insert before the final row:

| `rsqrt` | $-\text{floor}(Q(\textbf{x})/2)$ |
|---|---|
| `compoundn` | $\text{floor}(\textbf{n} \times \min(0, Q(\textbf{x})))$ |
| `rootn` | $\text{floor}(Q(\textbf{x})/\textbf{n})$ |
| `pown` | $\text{floor}(\textbf{n} \times Q(\textbf{x}))$ |
| `powr` | $\text{floor}(\textbf{y} \times Q(\textbf{x}))$ |

In TS 18661-4, at the end of clause 8, append:

In the Preferred Exponents Table in 5.2.4.2.2a#7, append:

| reduction functions | unspecified |
|---|---|