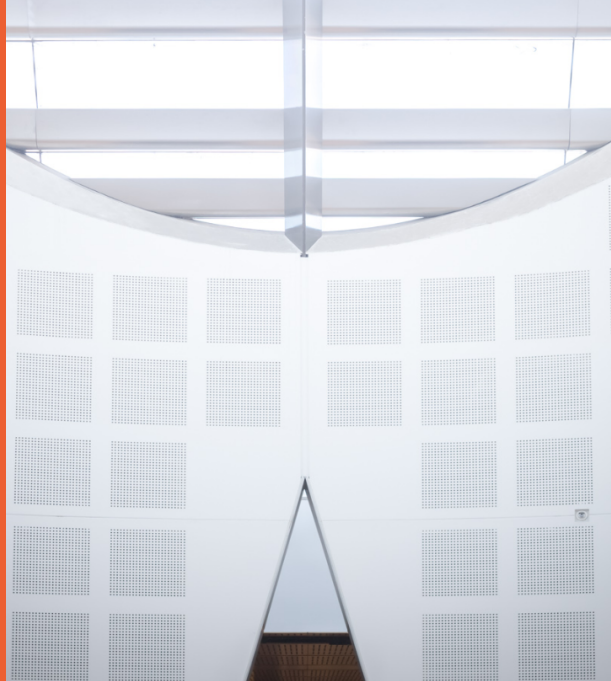# Test title

Test subtitle

Dahao Tang

Faculty of Science

THE UNIVERSITY OF
SYDNEY

Maths Test

Code Test

Reference

Math Font Check (Tinos)

Inline math check: $x + y = z$.

Goal: Roman + Bold + Text inside math should match Tinos font.

$$\mathrm{KL}(p \| q) \;=\; \mathbf{W}\, x \;+\; (\text{regularization term})$$

Goal: Check mixed styles (Italic vs Upright).

$$loss(\mathbf{w}) = \sum_{i=1}^{n} \log p(y_i \mid x_i; \mathbf{w}) \quad \text{where} \quad \log \text{ is upright.}$$

Code Example (Google Sans Code)

The following code block uses the theme colors automatically.

```python
import math

def softmax(xs):
    """Compute softmax values for a list of numbers."""
    m = max(xs)
    exps = [math.exp(x - m) for x in xs]
    s = sum(exps)
    return [e / s for e in exps]

print(softmax([1.0, 2.0, 3.0]))
```

References I