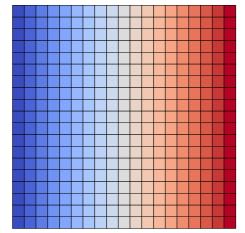
$$u^{* (1)} = \left\{ \frac{x}{L} \quad 0 \right\}$$

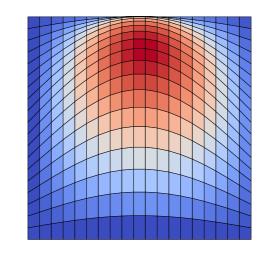
$$u^{* (2)} = \left\{ 0 \quad \frac{y}{L} \right\}$$

$$u^{* (3)} = \left\{ 0 \quad y \frac{x^2 - xL}{L^3} \right\}$$

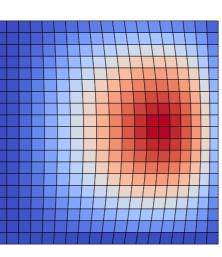
$$u^{* (4)} = \left\{ 0 \quad \sin\left(\frac{x\pi}{L}\right) \sin\left(\frac{y\pi}{L}\right) \right\}$$

$$u^{*(5)} = \left\{ \sin\left(\frac{x\pi}{L}\right) \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\}$$

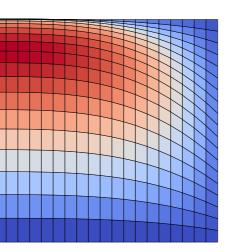




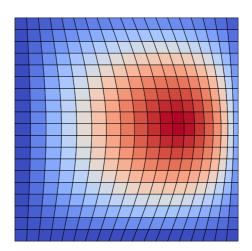
$$u^{* (6)} = \left\{ \frac{xy(x-L)}{L^3} \quad 0 \right\}$$



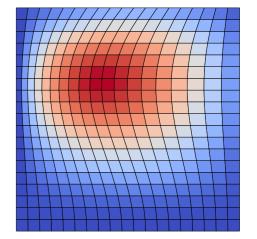
$$u^{* (8)} = \left\{ 0 \quad \frac{L^3 - x^3}{L^3} \sin\left(\frac{y\pi}{L}\right) \right\}$$



$$u^{* (9)} = \left\{ \frac{xL^2 - x^3}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\}$$



$$u^{* (6)} = \left\{ \frac{xy(x-L)}{L^3} \quad 0 \right\} \qquad \qquad u^{* (7)} = \left\{ \frac{x^2(L-x)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (8)} = \left\{ 0 \quad \frac{L^3-x^3}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (9)} = \left\{ \frac{xL^2-x^3}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (10)} = \left\{ \frac{xy(x-L)}{L^3} \sin\left(\frac{y\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{*$$



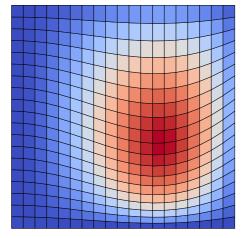
$$u^{* (11)} = \left\{ 0 \quad \frac{xy(y-L)}{L^2} \sin\left(\frac{x\pi}{L}\right) \right\}$$

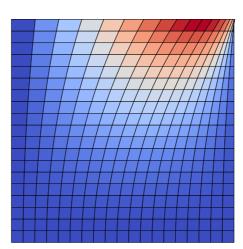
$$u^{* (12)} = \left\{ 0 \quad \frac{xy(y-L)}{L^3} \right\}$$

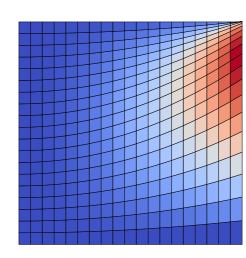
$$u^{* (13)} = \left\{ \frac{y^2}{L^2} \sin\left(\frac{x\pi}{L}\right) \quad 0 \right\}$$

$$u^{* (14)} = \left\{ 0 \quad \frac{x^2}{L^2} \sin\left(\frac{y\pi}{L}\right) \right\}$$

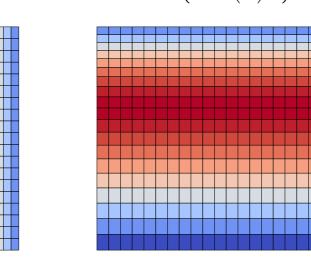
$$u^{* (13)} = \left\{ \frac{y^2}{L^2} \sin\left(\frac{x\pi}{L}\right) \quad 0 \right\} \qquad \qquad u^{* (14)} = \left\{ 0 \quad \frac{x^2}{L^2} \sin\left(\frac{y\pi}{L}\right) \right\} \qquad \qquad u^{* (15)} = \left\{ \frac{xy(x-L)}{L^2} \sin\left(\frac{x^2y^2}{L^4}\right) \quad 0 \right\}$$



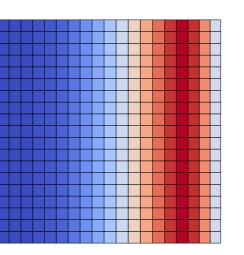




$$u^{* (16)} = \left\{ \sin \left( \frac{x\pi}{L} \right) \frac{1}{L} \quad 0 \right\}$$



$$u^{* (16)} = \left\{ \sin \left( \frac{x\pi}{L} \right) \frac{1}{L} \quad 0 \right\} \qquad \qquad u^{* (17)} = \left\{ 0 \quad \sin \left( \frac{y\pi}{L} \right) \frac{1}{L} \right\} \qquad \qquad u^{* (18)} = \left\{ \sin \left( \frac{x^3\pi}{L^3} \right) \frac{1}{L^3} \quad 0 \right\} \qquad \qquad u^{* (19)} = \left\{ 0 \quad \sin \left( \frac{y^3\pi}{L^3} \right) \frac{1}{L^3} \right\}$$



$$u^{* (19)} = \left\{ 0 \quad \sin\left(\frac{y^3 \pi}{L^3}\right) \frac{1}{L^3} \right\}$$

