```
→ r: genmatrix(lambda([i,j], i/(i+j+1)), 2, 4);
```

(r)
$$\begin{bmatrix} \frac{1}{3} & \frac{1}{4} & \frac{1}{5} & \frac{1}{6} \\ \frac{1}{2} & \frac{2}{5} & \frac{1}{3} & \frac{2}{7} \end{bmatrix}$$

```
→ for j:1 thru 2 do(print(sqrt(sum(i,i,abs(r[j][1])^2,abs(r[j][4])^2))));
0
0
(%o20)  done
```