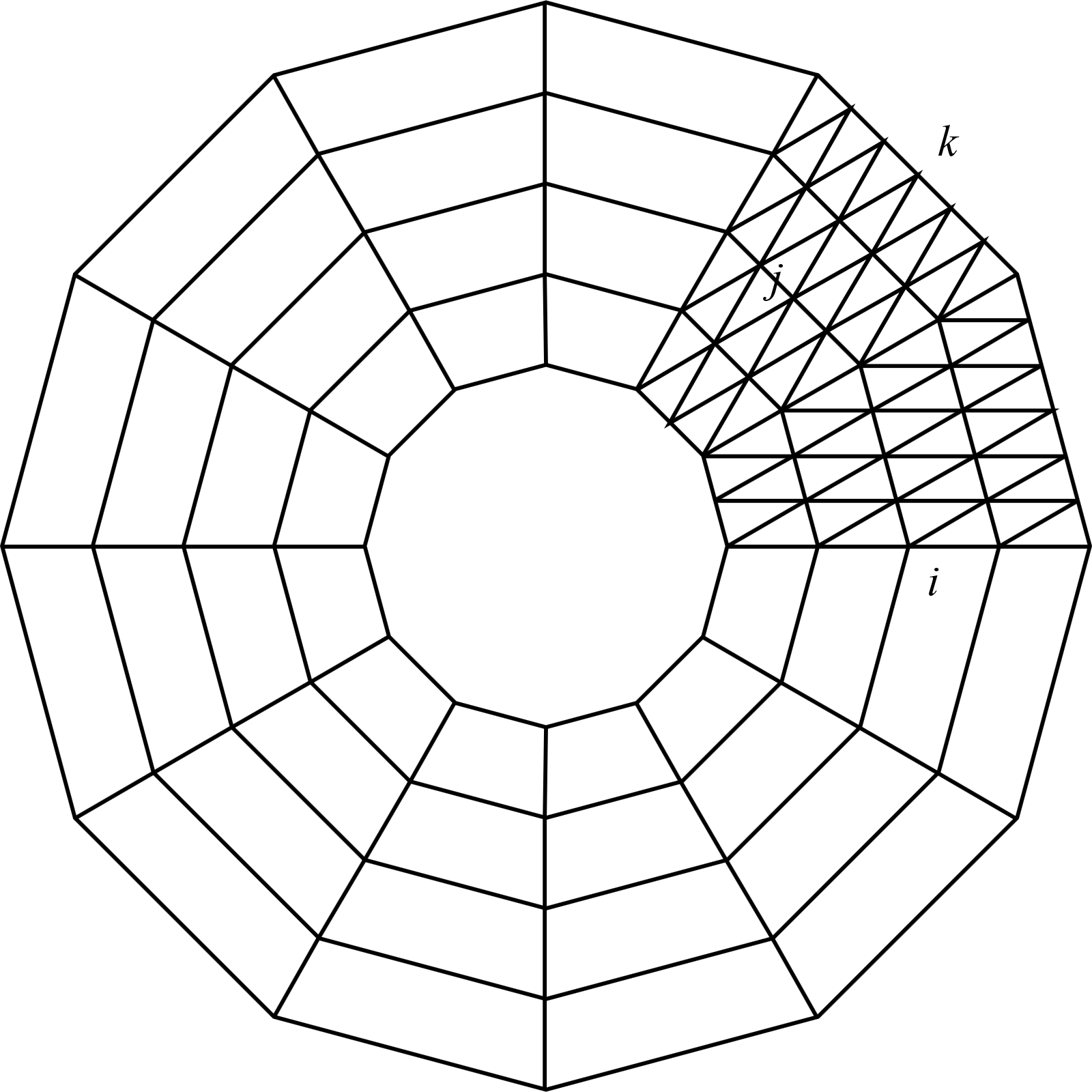
Circumference



*n* : number of sides

*r* : radius

Number of nodes at position *k*





Number of nodes



Number of line elements



Number of triangle elements at position *k*



Number of triangle elements



Variation of *j* at position *i*



Node number

****

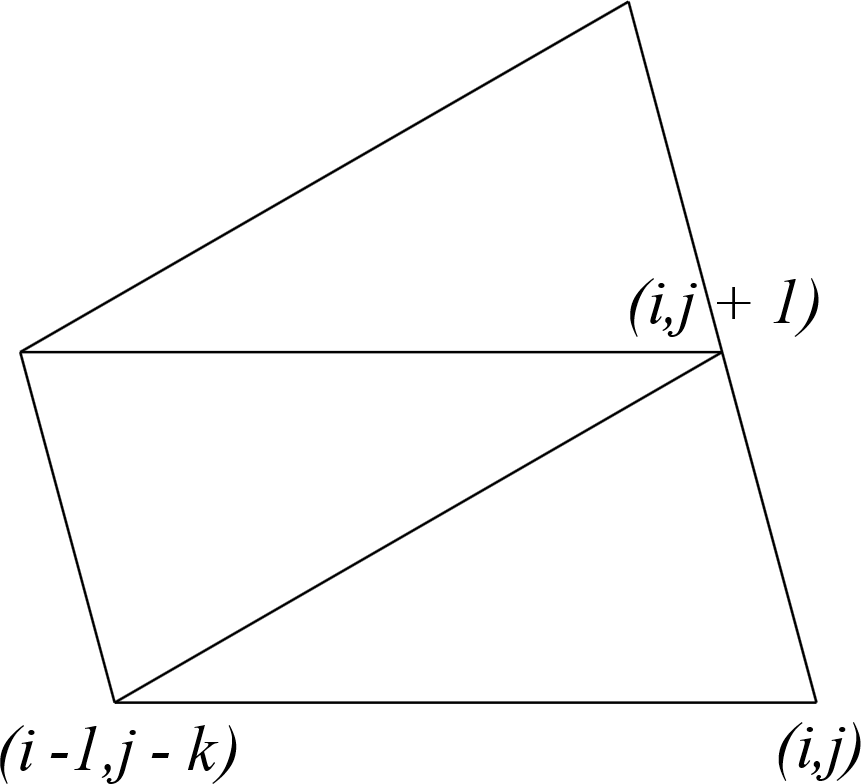
****

Element connectivity

for j in 0 .. n - 1 loop

putelem2((node(0,0),node(1,j),node(1,j + 1));

end loop;



for i in 2 .. m loop

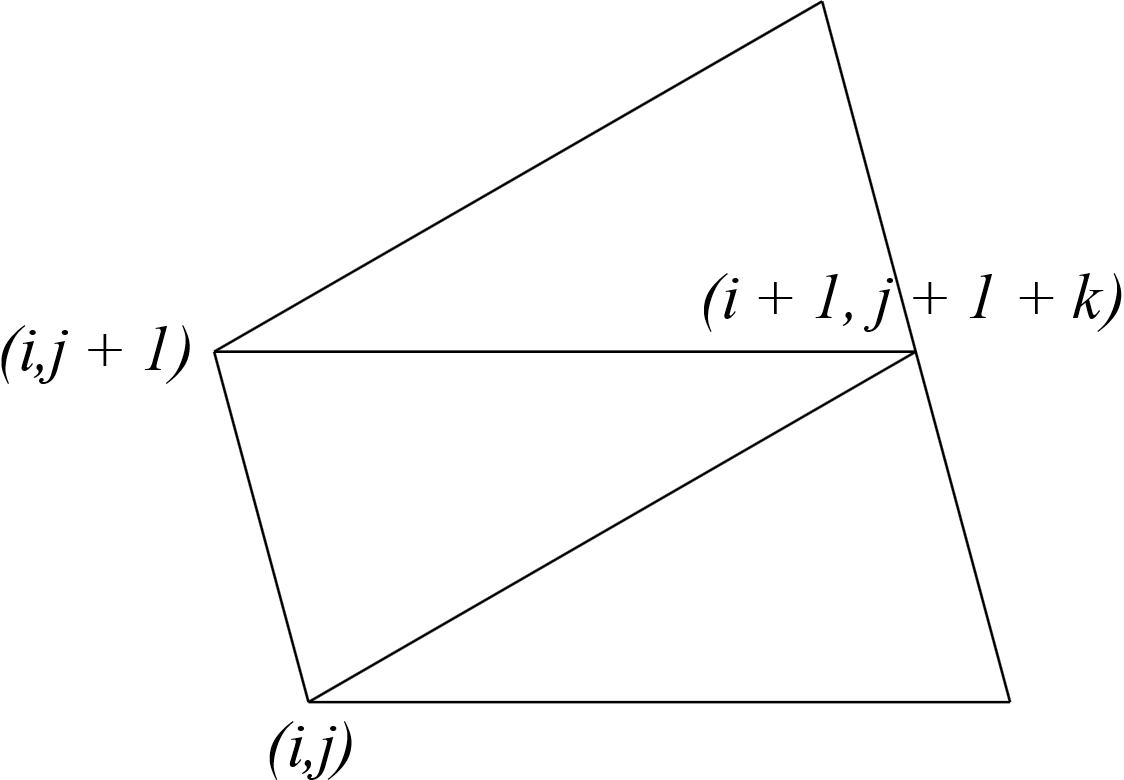
for j in 0 .. i \* n - 1 loop

k := j / i;

putelem2((node(i - 1,j - k),node(i,j),node(i,j + 1));

end loop;

end loop;



for i in 1 .. m - 1 loop

for j in 0 .. i \* n - 1 loop

k := j / i;

putelem2((node(i + 1,j + 1 + k),node(i,j + 1),node(i,j));

end loop;

end loop;

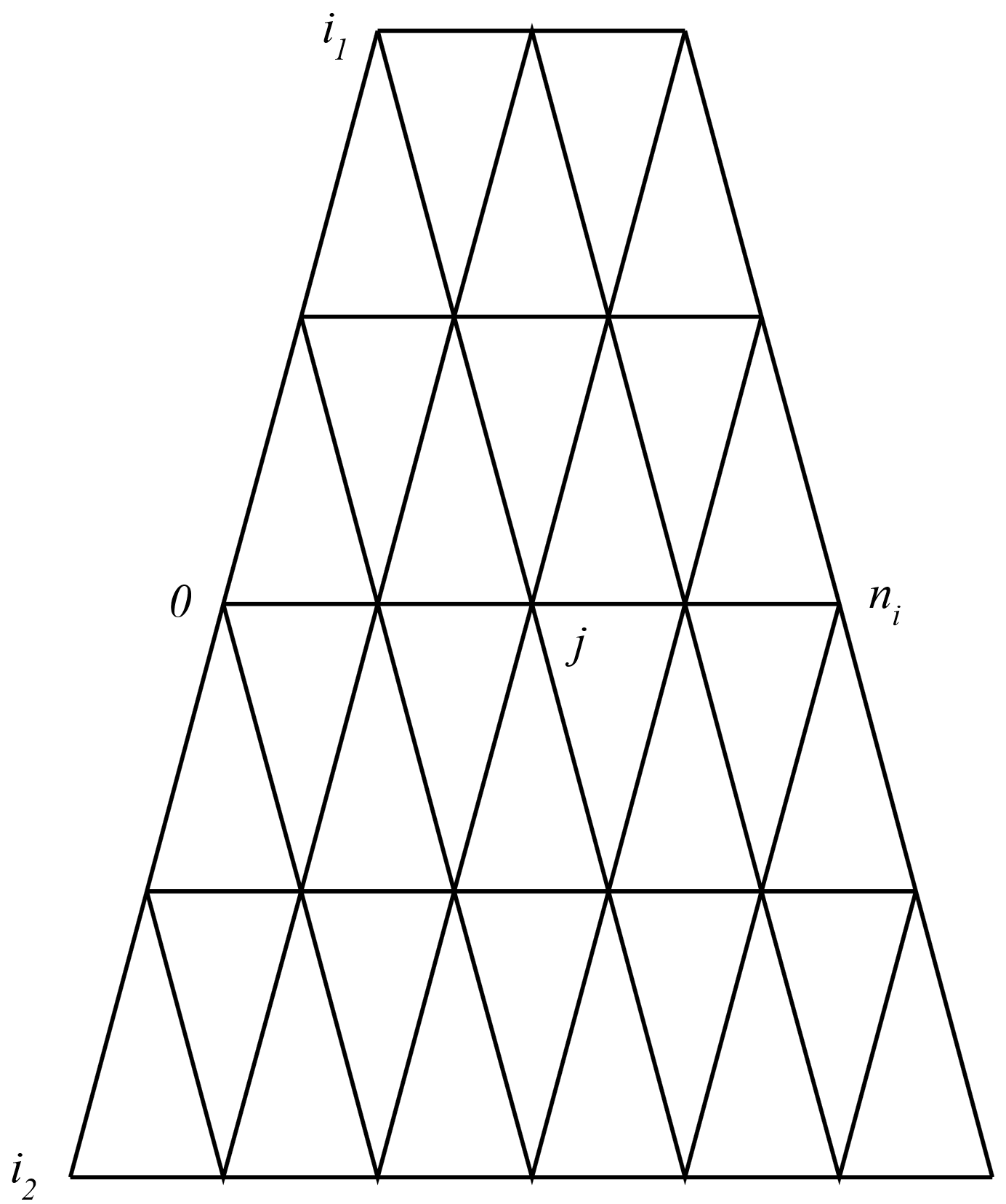
Polygon's vertices







Mesh



Coordinates







