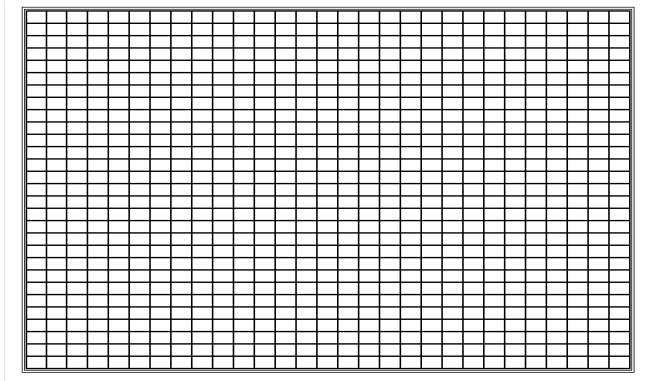


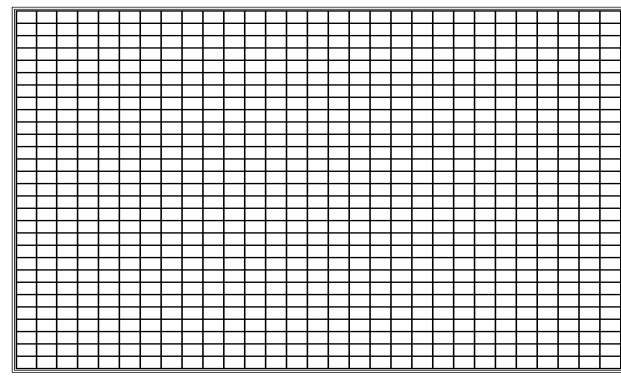
**EȘANTIONAREA ȘI MEMOREA SEMNALELOR ANALOGICE**

**A. Eșantionarea ideală**

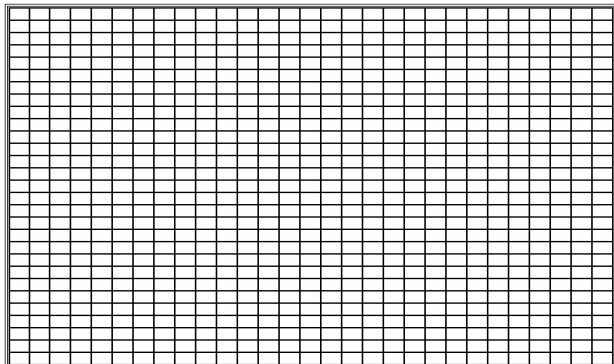
Semnalul de intrare sinusoidal



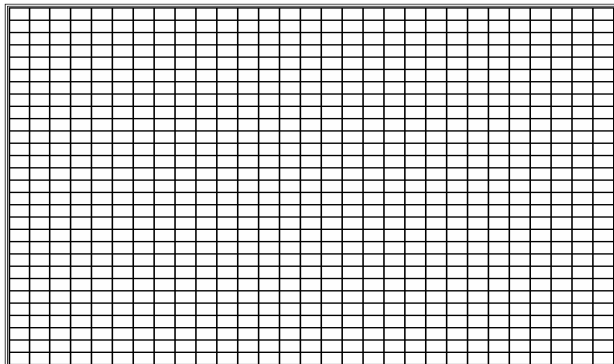
Semnalul eșantionat ideal pentru n=4



Semnalul eșantionat ideal pentru n=8



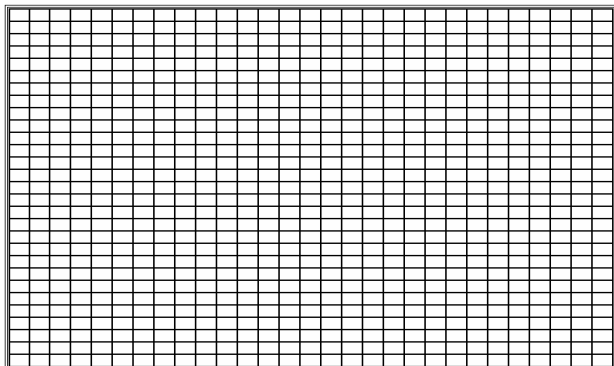
Semnalul eșantionat ideal pentru n=16



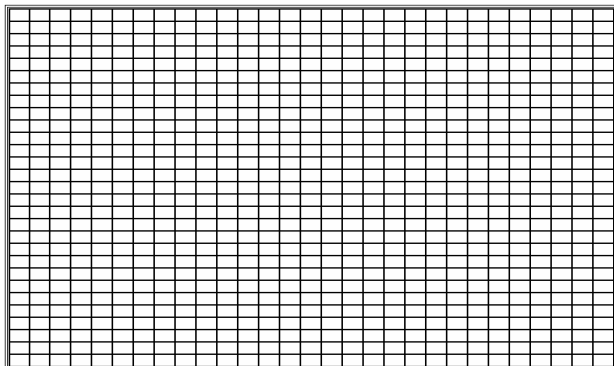
**Concluzii:**

**B. Eșantionare cu memorare**

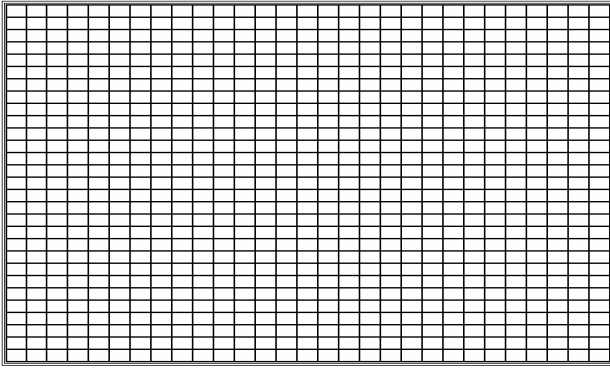
Semnalul de intrare sinusoidal



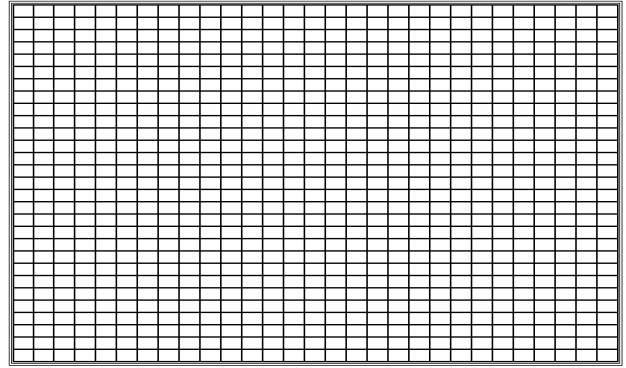
Semnalul eșantionat pentru n=2



**Semnalul eşantionat pentru  $n=4$**



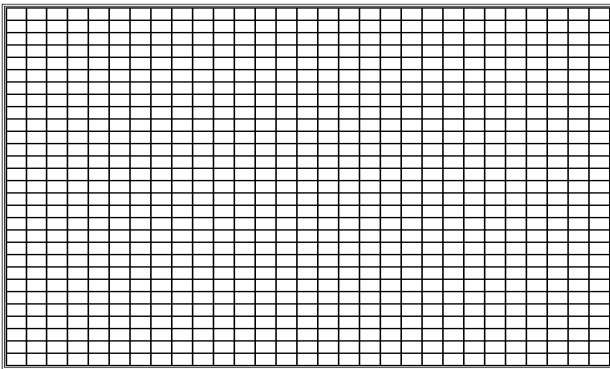
**Semnalul eşantionat pentru  $n=8$**



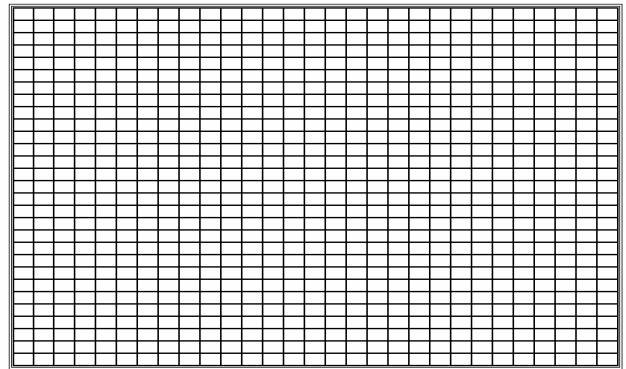
**Concluzii:**

**C. Spectrul semnalului eşantionat ideal**

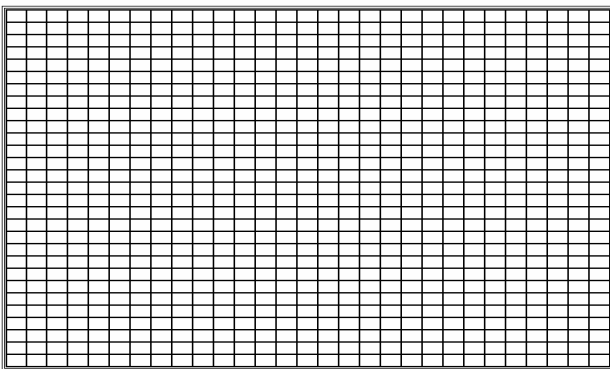
**Spectrul semnalului eşantionat ideal pentru  $n=2$**



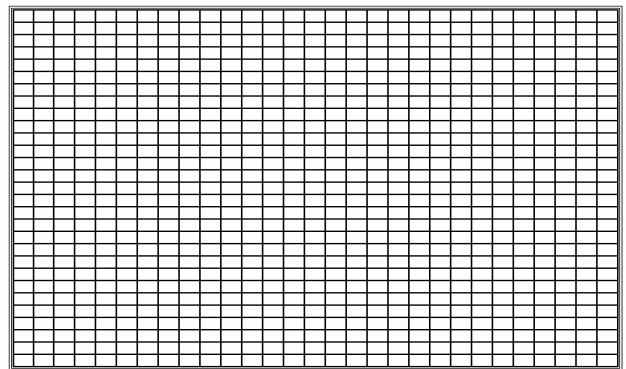
**Spectrul semnalului eşantionat ideal pentru  $n=4$**



**Spectrul semnalului eşantionat ideal pentru  $n=8$**



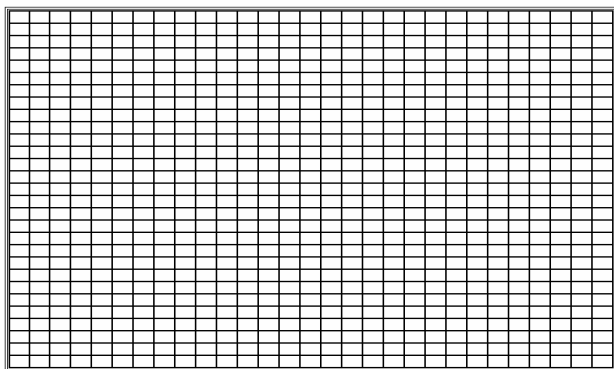
**Spectrul semnalului eşantionat ideal pentru  $n=16$**



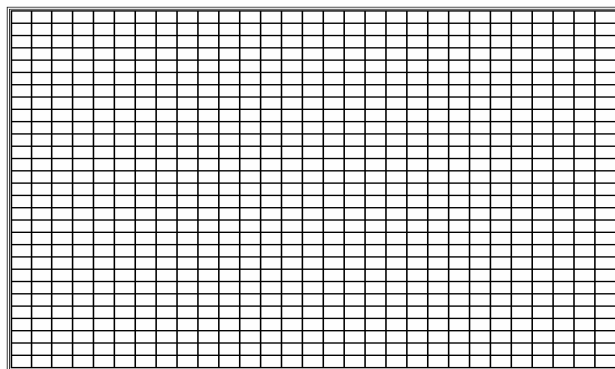
**Concluzii:**

### C. Spectrul semnalului eșantionat cu memorare

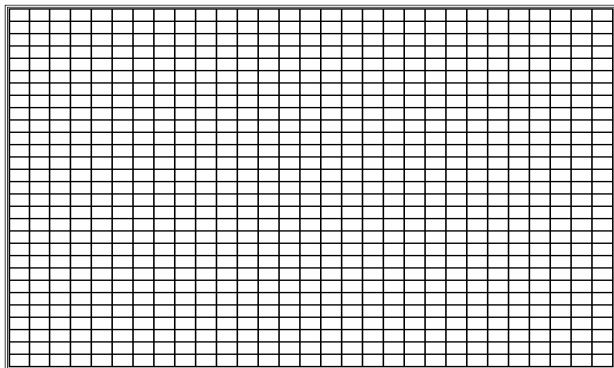
Spectrul semnalului EM pentru  $n=2$



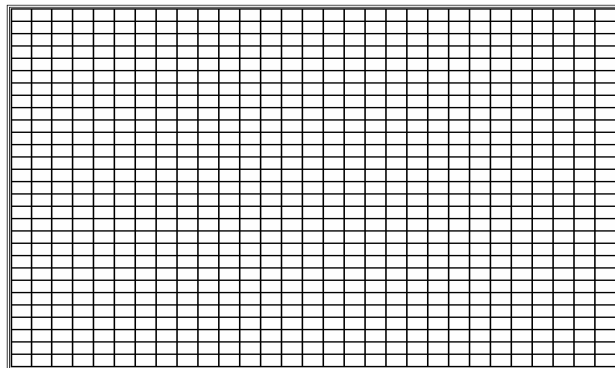
Spectrul semnalului EM pentru  $n=4$



Spectrul semnalului EM pentru  $n=8$



Spectrul semnalului EM pentru  $n=16$



Concluzii: