

IEE239 - Procesamiento de Señales e Imágenes Digitales

Ejercicios Propuestos

Cap II: Sistemas LTI y Transformada Z

[Ejercicios de la sección 2 y 3; Proakis, J. G. & Manolakis, D. K. (2006), Digital Signal Processing (4th Edition), Prentice Hall.]

1. *Sistemas LTI*

- | | |
|--------|--------|
| – 2.24 | – 2.51 |
| – 2.29 | – 2.52 |
| – 2.33 | – 2.54 |
| – 2.35 | – 2.57 |
| – 2.39 | – 2.67 |
| – 2.43 | – 2.65 |
| – 2.45 | – 2.62 |
| – 2.46 | |

2. *Transformada Z*

- | | |
|--------|--------|
| – 3.2 | – 3.31 |
| – 3.4 | – 3.34 |
| – 3.9 | – 3.35 |
| – 3.11 | – 3.36 |
| – 3.12 | – 3.37 |
| – 3.14 | – 3.38 |
| – 3.15 | – 3.40 |
| – 3.16 | – 3.42 |
| – 3.19 | – 3.46 |
| – 3.25 | |

[Ejercicios de la sección 4; Ingle, V. & Proakis, J. (2011), Digital Signal Processing Using MATLAB (3rd Edition). Cengage Learning.]

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|-------|--------|
| – 4.1 | – 4.10 |
| – 4.2 | – 4.12 |
| – 4.3 | – 4.16 |
| – 4.5 | – 4.25 |
| – 4.8 | |