

Uygulama - 1

Örnek ekran görüntüleri aşağıda verilen "Dönüşüm" aracını MATLAB'ta tasarlayınız.

The image displays six screenshots of the 'DÖNÜŞÜMLER' software interface, arranged in a 3x2 grid. Each screenshot shows a window titled 'eemba_lab7' with the following components:

- Title Bar:** 'eemba_lab7' with standard window controls.
- Header:** 'DÖNÜŞÜMLER' in large, colorful letters.
- Input Field:** 'Fonksiyon { f(t) veya f[n] } { F(s) veya F(z) veya F(w) }' with a text input box.
- Dropdown Menu:** 'Dönüşüm' with a dropdown menu.
- Checkbox:** 'Ters' checkbox.
- Button:** 'Dönüşümü' button.
- Output Field:** 'Laplace dönüşümü { F(s) }' or 'z dönüşümü { F(z) }' or 'Fourier dönüşümü { F(w) }' with a text output box.

The screenshots show the following transformations:

- Top Left:** Input: $5\sin(2t) + \exp(-t)$; Output: $1/(s+1) + 10/(s^2+4)$
- Top Right:** Input: $1/(s+1) + 10/(s^2+4)$; Output: $1/\exp(t) + 5\sin(2t)$
- Middle Left:** Input: $(-1)^n$; Output: $z/(z+1)$
- Middle Right:** Input: $z/(z+1)$; Output: $(-1)^n$
- Bottom Left:** Input: 5 ; Output: $10\pi \delta(w)$
- Bottom Right:** Input: $10\pi \delta(w)$; Output: 5

Başarılar dilerim...

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