TI DSP, MCU 및 Xilinx Zynq FPGA 프로그래밍 전문가 과정

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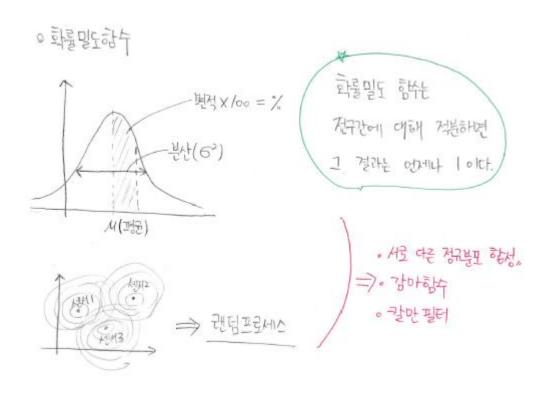
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1) 확률밀도함수



이 남아하는 - 펙턴리얼 완료 화장
$$f(x) = \int_{\infty}^{\infty} e^{t} t^{xy} dt , t = -hu, du = -e^{t} dt$$

$$f(x) = \int_{\infty}^{\infty} [-h(u)]^{xy} du$$

$$f(x+1) = \int_{\infty}^{\infty} e^{t} t^{xy} dt$$

$$= [-e^{t}t^{xy}]_{\infty}^{\infty} - \int_{\infty}^{\infty} -e^{t} /t^{xy} dt$$

$$= \chi f(x)$$

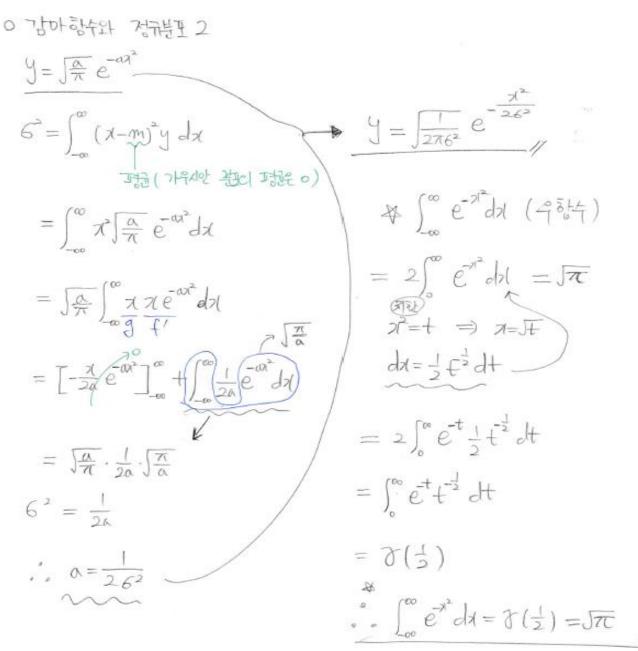
$$f(1) = [-\pi t^{xy}]_{\infty}^{\infty} - \frac{1}{2} = \frac{$$

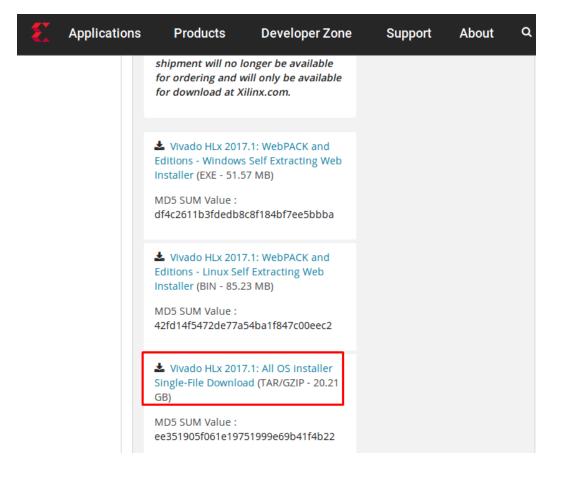
· 정규는 해석용이

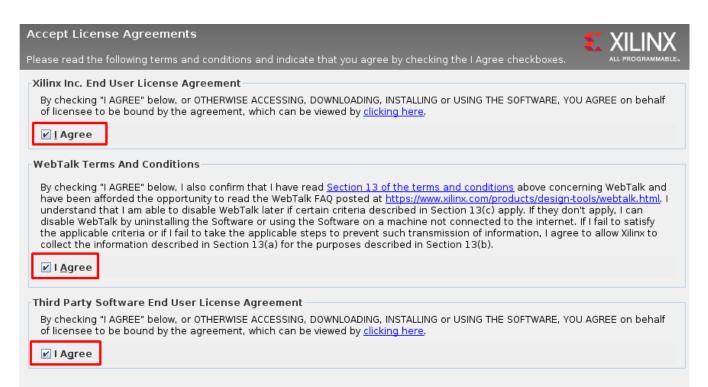
2) 감마함수와 정규분포 1

O The extent when
$$y = e^{\alpha x^2}$$
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 $\Rightarrow \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} e^{-\alpha x^2} dx = S$
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 $\Rightarrow \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} e^{-\alpha x^2} dx = \int_{-\infty}^{\infty} \left[e^{+\frac{1}{2\alpha}} \right]_{-\infty}^{\infty} dx = \int_{-\infty}^{\infty} \frac{1}{2\alpha} dx = \frac{7\alpha}{\alpha} = S^2$
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 $\Rightarrow \int_{-\infty}^{\infty} e^{-\alpha x^2} dx = \int_{-\infty}^{\infty} \left[e^{-\frac{1}{2\alpha}} \right]_{-\infty}^{\infty} dx = \int_{-\infty}^{\infty} \frac{1}{2\alpha} dx = \frac{7\alpha}{\alpha} = S^2$
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 $\Rightarrow \int_{-\infty}^{\infty} e^{-\alpha x^2} dx = \int_{-\infty}^{\infty} \left[e^{-\frac{1}{2\alpha}} \right]_{-\infty}^{\infty} dx = \int_{-\infty}^{\infty} \frac{1}{2\alpha} dx = \int_{-\infty}^{\infty}$

3) 감마함수와 정규분포 2







Select Edition to Install Select an edition to continue installation. You will be able to customize the content in the next page. Vivado HL WebPACK Vivado HL WebPACK is the no cost, device limited version of Vivado HL Design Edition. O Vivado HL Design Edition Vivado HL Design Edition includes the full complement of Vivado Design Suite tools for design, including C-based design with Vivado High-Level Synthesis, implementation, verification and device programming. Complete device support, cable drivers and Documentation Navigator are included. Users can optionally add the Software Development Kit to this installation. O Vivado HL System Edition Vivado HL System Edition is a superset of Vivado HL Design Edition with the addition of System Generator for DSP. Complete device support, cable drivers and Documentation Navigator are included. Users can optionally add the Software Development Kit to this installation. Documentation Navigator (Standalone) Xilinx Documentation Navigator (DocNav) provides access to Xilinx technical documentation both on the Web and on the Desktop. This is a standalone installation without Vivado Design Suite.

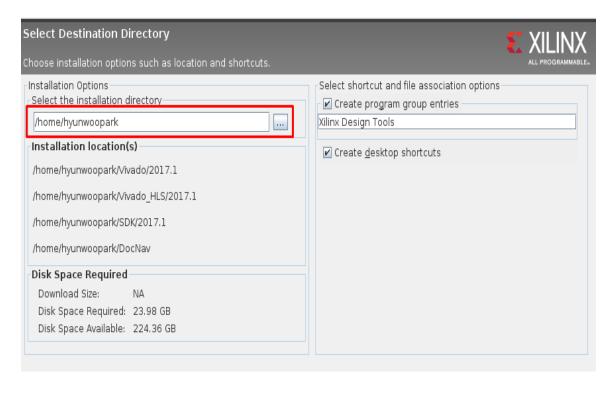
Vivado HL WebPACK



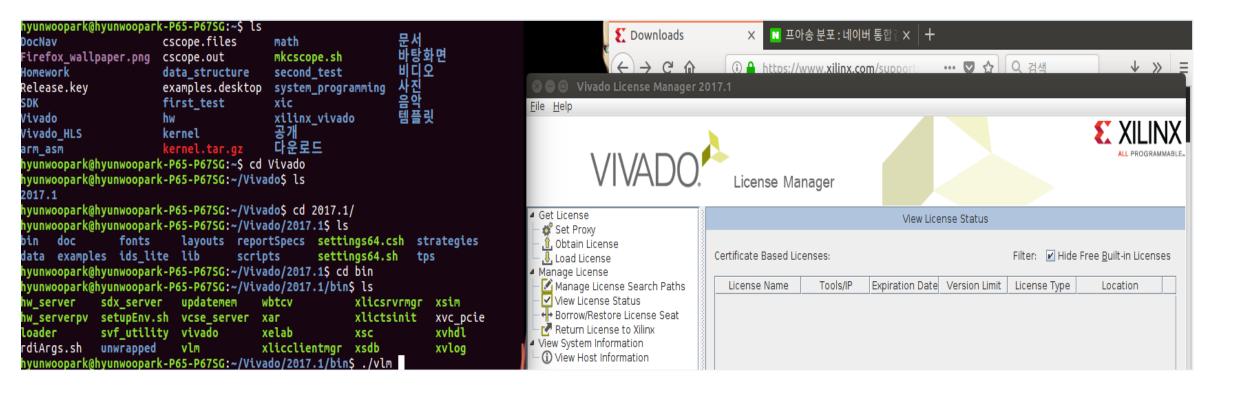
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Vivado HL WebPACK is the no cost, device limited version of Vivado HL Design Edition.

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✓ Software Development Kit (SDK)
✓ DocNav
P III Devices
Production Devices
o- ✓ SoCs
• T Series (limited support)
• I UltraScale (limited support)
■ UltraScale+ (limited support)
P ☐ Engineering Sample Devices
☐ Kintex UltraScale+ ES
☐ Virtex UltraScale+ ES
Zyng UltraScale+ MPSoC ES
☐ Zyng UltraScale+ RFSoC ES
✓ Installation Options
NOTE: Cable Drivers are not installed on Linux. Please follow the instructions in UG973 to install Linux cable drivers
Enable WebTalk for Vivado to send usage statistics to Xilinx (Always enabled for WebPACK license)
✓ Enable WebTalk for SDK to send usage statistics to Xilinx









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