Daily Agreement Journal Name: Tyok & Donnes Date : Alectocke URM: 4AL196 (03) course Digital design wany nos The sendently applicate the of state reporte in 19th contre Jeremoon session details

The impact of new Frangeatures in industrial application is analyzed in detail in three main area, namely digital heat time simulation, advanced control technique and electronic instrumentation, with your on mechation - mice, dobotics, & power system design

Fran Ve ACIC Fran: A field programmable gate arry is a semiconductor device containing programmable logic an monents called "logic blocks, & programmable interconnects As Asic are designed gos a specific application they can be ophinged to manning hence we can have high speed in

How does an FPGA work! you're designing gate array (EPGA) digital ext more than anything else basical Int one layer of abstraction above the logic gate (AND, OR, NOT) level. At the most basic level, you need to taink about how you're specifying the Yayout & equations at the level of Luts (Look-up tables) & FFS

An Fran is a digital, configurable ASSC. I say mostly because there are analog & mixed signal aspects to modern Franciscome have Alo converters & plus I put se-in parenthesis because teure are actually one time programmable FRAKE where once you configure it never again However most Epuas

you'll come actors are going to be re-configurable so, what do I mean by digitally configurable 1820! I mean that at the core of it, you've durigning of conse that not entirely accurate of there's much more to it than that, but that It the gist at its COYE

Name: Jyoti & Donna Date: 01/06/2020 VEN. GALITECOST contectivethon Topicianteractive data visualization with bokeh Afternoon session details image of session # Lecture 1: Make a quick line graph with bokeh From boken plotting import zigure, output zile, show # prepare some data X=[1,2,3,4,5] Y=[6,7,8,9,7] output gile ("lines. html", title = "line plot ex") P= Tigne (title="simple line ex:", xazis_labl='x, y-axis_label p.line (xiy, legend = "Temp", Line_widte = 2) show (p) # Lecture 2: scatter plots From broken, plotting import Figure, output file, show output file ("line. html") 1= figne (plot width= 400, plot height= 400) p.ciacle([1,2,3,4,5], (6,7,8,9,7], Size=[i*2 708 i in [6.7,2,4,5]], (olos = "blue", alpha = 0.5) the snippet producing the triangle based plot H making a basic boken line graph

inspecting toxet games but of gentling import figure gran durch in rasper adjul file almos B propare sems data X = [3,1,1) Y - (8 .6 .9) Alprepare the endpot gite and all gold ("Love hotal") Hereals a jug object JE Jigniell A. Twangle (x,y) (from () # importing Ketch grani beken plotting import gigues grown botch is import output file & hours X= [8,7,5] 4= (8.6.9) output gile ("Line. html") g= figure() Tickele (x,y) (front) Himporting borch & pandas gran borch plotting import gigue grom borch io import output zile, show import pandas dg=pandas read es Chttp: 1/pyteron how, com/data/bachelos av") x=dg["year"] 14=dy ("engineeting") output file ("Line from Lachelors. 4/111)

7. hne (x,7) show(1) import pandas green boken plotting inspert gigner, output gile, show dependenced excell title lightentions consider leverlagen huten xlix" cheet name : 0) "Al"tempareture"] = dyl"tempareture"] 100 all "pressure" | dil "pressure" 110 t eligneelplot width : coo, plot height 400, tools : for) I telle test = "temporeline of my pressure 1. title text = color = "Gray" patrile test gont etyles "bold" p. xaxis minos tick line color mone g-yazis minor lick line color none p.xaxis, azis label="lemparehuselis" p. yazis. azis label: "pressure(hpa)" g.circle(dg["tempareture"],dg["pressure"], enteroc) output gile ("weather. html") show(p) once you have built a built plot, you can unitomize Visnal attributes Its visual attributes including changing the title color and jont, adding labels jet kaxis & yates, changing the color of the anichicks, etc. All these properties are illohilisated in the digram below: of here is the code if you want to play around with it From boken plotting import zigne, output gile, show p= figure (plot width= coo, plot height= 400, took= 'pam, reset') P. Title text = "Earthquaker" p. title. leal ... color = "orange"

ptitle fort = "times"

ptitle text gont style="ifabic"

pyaxis. vninos tick line color = "yellow"

pyaxis. axis label="times"

pyaxis axis label="times"

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py