

UNIVERSITÉ
ANNÉE : .2
UNITÉ D'ENS
ÉPREUVE DI
NOTE
(6)

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U	$^{\prime}$	$\cup$	V	$\mathbf{\circ}$	V

1	0	0	0	0	6	0

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SEIGNEMENT:

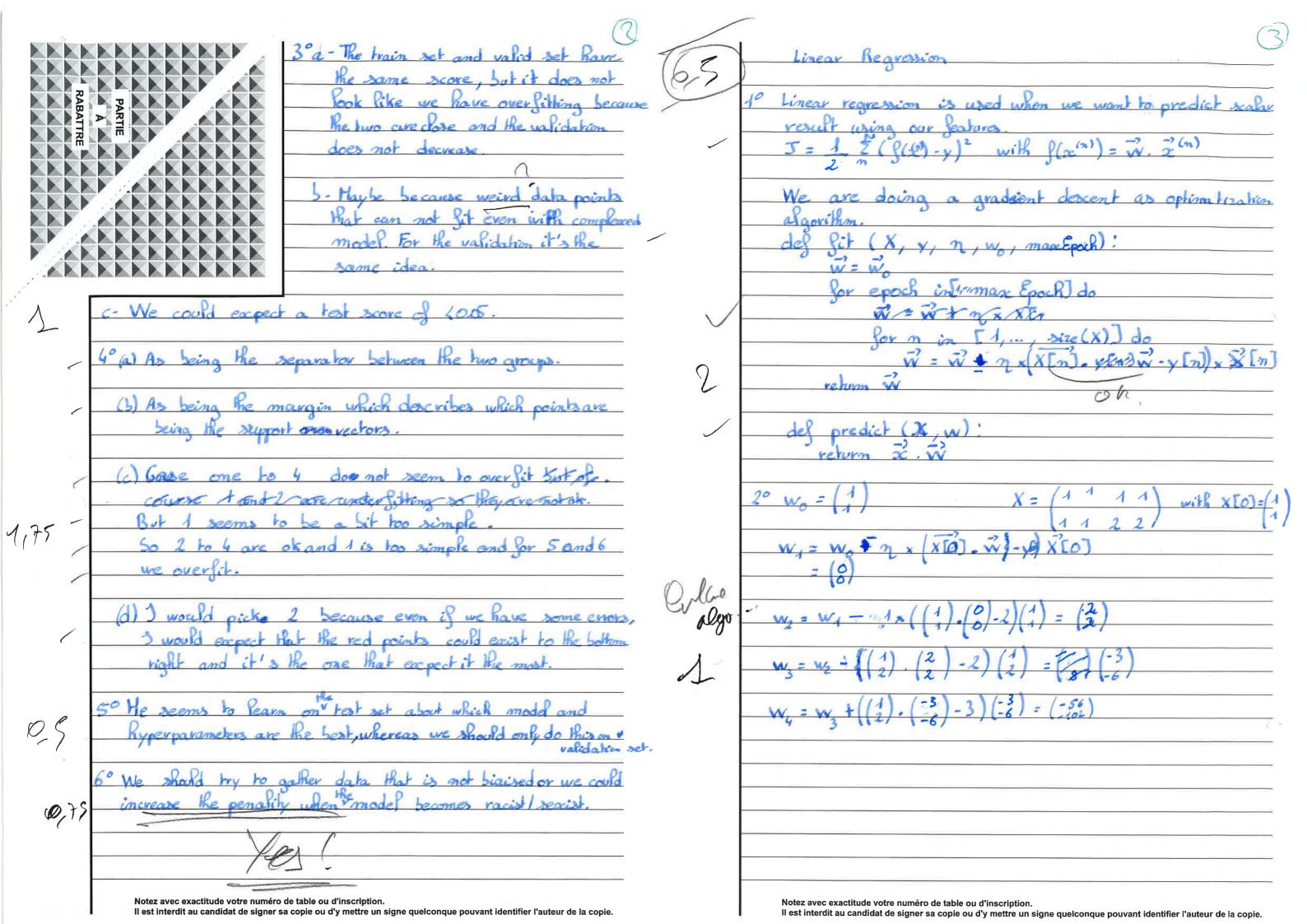
NOTE	/20	Coefficient	Note affectée du coefficient
	(13,5)		



Si votre composition comporte plusieurs feuilles, numérotez-les 1./...

(6)	Analysis of experimental results:
	1°a. The left one is the victor cause when increase & the train score decreases.
	The train some deacreases because the regularization becomes stronger and can not learn by heart the
1/5 -	The valid score increases scause the model generalism better when not larning by heart.
	3. The second one because we have the same routh in
	Thus we gain computation time.
0, 5	2º The left one seems to be the one complexed and with regularization because it looks like we have small
7 1	1 1 0 1 ( () 0

Notez avec exactitude votre numéro de table ou d'inscription. Il est interdit au candidat de signer sa copie ou d'y mettre un signe quelconque pouvant identifier l'auteur de la copie.



925	5° If we have a plane wipp, when we visit he "we are going to have an inner product being equal to 0.  6° For ze test we are going to have (**) (1) or (9)  with (1) soying that X is more likely to be K and  (1) soying that X is more likely to be K'.  Thus we have Dx & Broredictions in total.		IGNEMENT : TCO  Scomen  120 Coefficient Note affectée	NOM.  Presidente  Presidente
0,75	Predict will look like  predict = man ( * pred )  RR" R"		4 Identify in a the ta	Si votre composition comporte plusieurs feuilles, numérotez-les 2.1.2.
95	8° As hyper parameter we have:  V - the definition of &  The shape of our data set.  - how many classes k do we have	1,25	1° (a) The goal is to d  poisonous or mot  (b) We should do s  (c) for label is the  and our features would  So for each features so  m features where m  (d) A decision Tree cla  (e) We should make a	Passify anushrooms as being upervised classification feature "edited poisonous"  I oncoded as one hot".  wh as "cap shape" we would ever ist the number of possibilities.  srifier could work.  metric where if a poisonous predict as editle it should punish
	Notez avec exactitude votre numéro de table ou d'inscription.  Il est interdit au candidat de signer sa copie ou d'y mettre un signe quelconque pouvant identifier l'auteur de la copie.	975	(c) Gur Pabel will be  Gur features are for  Re encoding of the  we will do hot enco  too many features).  Notez avec exactitude votre numéro de table ou co	the winner.  The most numerical but for categorical one 1="Name" and "type" ading Cencept if the Name create

Notez avec exactitude votre numéro de table ou d'inscription. Il est interdit au candidat de signer sa copie ou d'y mettre un signe quelconque pouvant identifier l'auteur de la copie.

