

The Cosmic Microwave Background

SCI Music

miguel crozzoli

sharp and small drops of sand



p



cresc.



f interference



mf



solo



Electronics 1

Voice 2



Viola 3



Clarinet + Flute 4

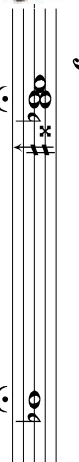


Sax sop + tenor 5



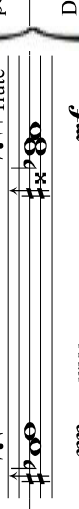
Piano 6

Choose only 1 note of the given pitches per breath



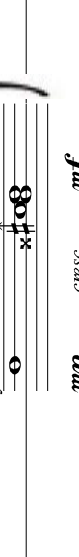
mf

Move slowly between notes during the same breath



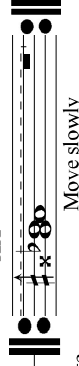
mf

Don't change note until you breath



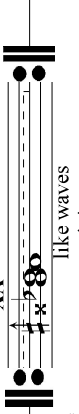
mf

XA



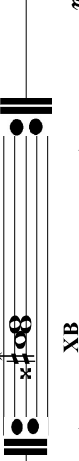
pp

XA



pp

XB



mp

XA



pp

XA



pp

XB



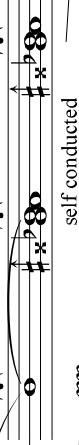
mp

XA



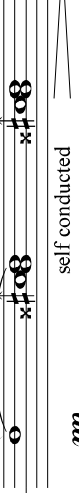
pp

XA



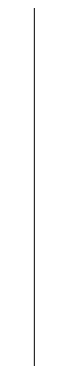
pp

XB



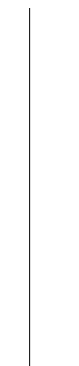
mp

XA



pp

XA



pp

XB



mp

Move at your own rhythm and repeat XA / XB until interference

Keep the note you were playing

choose any note

self conducted

self conducted

self conducted

20

el 1



vc 2



vi 3



cl + fl 4



ss + st 5



pn 6



interference like waves



f

low pure tone



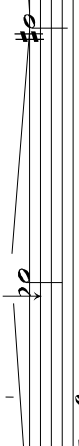
p

impro non pitched sounds.



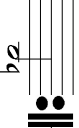
mf

sul tasto



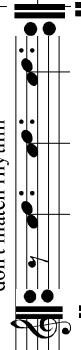
mf

Ricochet (play open strings)



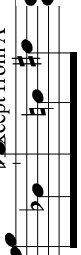
p

Don't match rhythm



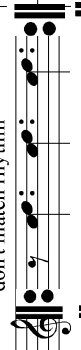
mf

XC



mf

XC



mf

interference like waves

low pure tone

impro non pitched sounds.

sul tasto

Ricochet (play open strings)

Don't match rhythm

XC

XC

31

vc 2

PERFORM > 'ORANGE INTO DARKNESS'

breath, look intensively into the conductor's eyes, the universe is expanding...
recitative with drama but no emotional

32

el 1

||:

move freely around elements

}}

}}

}}

}}

(x)

to duo

vc 2

vi 3

cl + fl 4

ss + sf 5

pn 6

Improvise using previous text w previous melodic intention ?

break your own rhythm > double stops w strong accent

follow your line, don't moive together

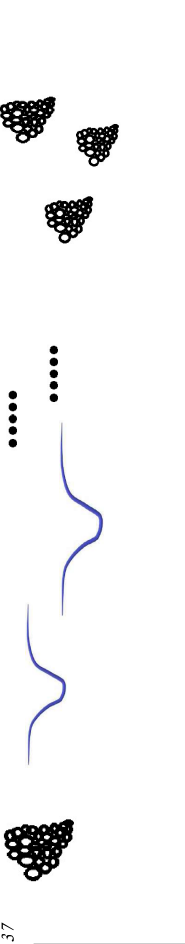
Bow strings on piano strings > bow

keep pereparation but strike them

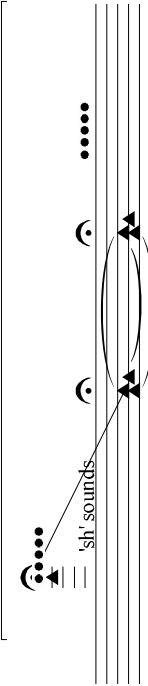
move randomly

37

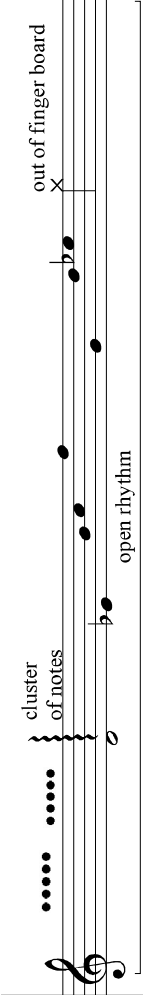
el 1



vc 2



vi 3



cl + fl 4

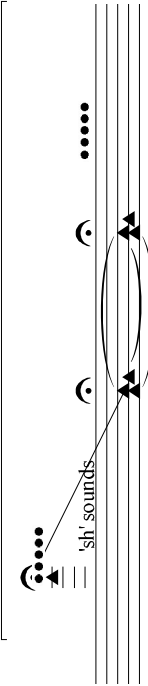


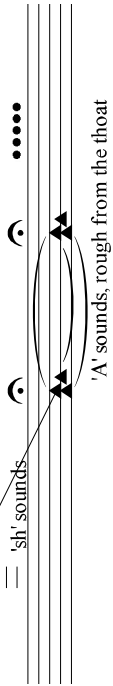
ss + st 5



pn 6

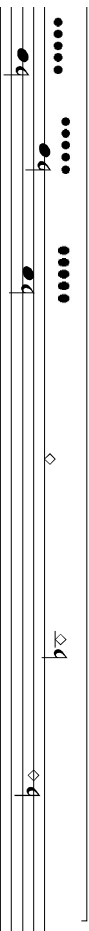


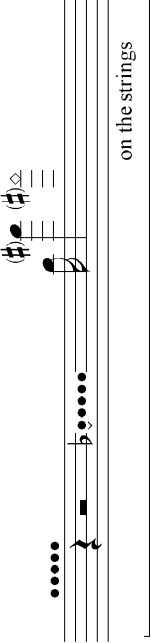












I

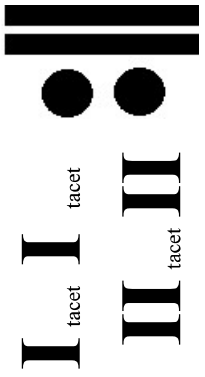
II

III

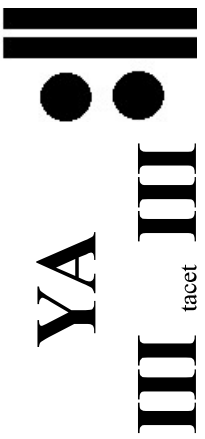
Shape of the duos

To be conducted by conductor:

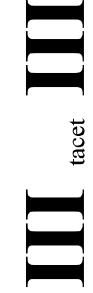


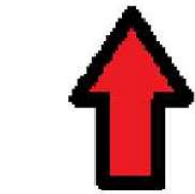


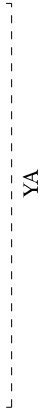














After this page you should find a transparent paper over the image on the Cosmic Microwave Background.

At this point of the score it is important that you understand what the CMB means and its implications for science. I will recommend you to see a series of educational videos created by ‘PBS space time’ that you can find on youtube (to start with...).

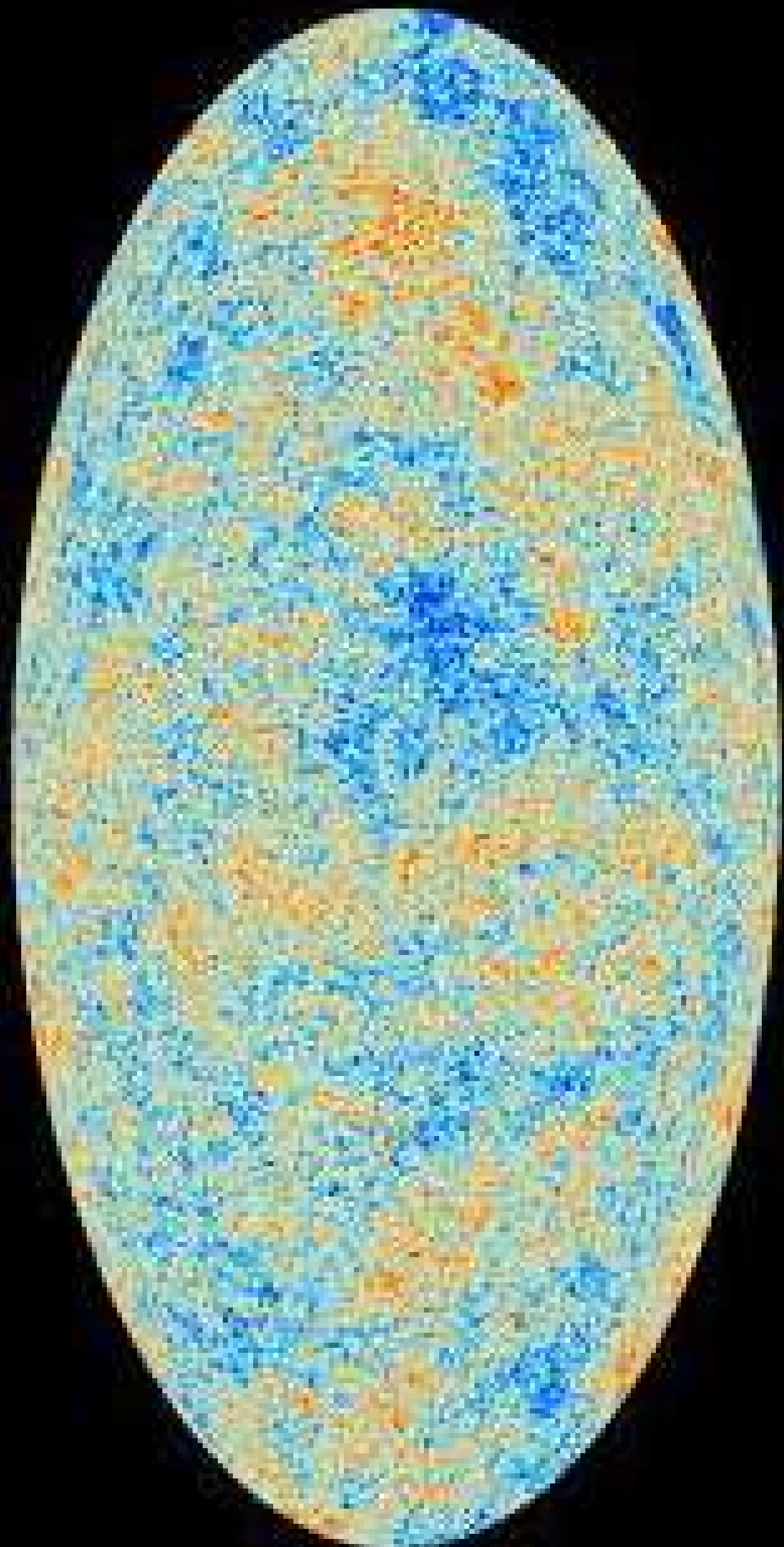
To perform the graphic section you have two options.

1. Play the image without any intervention.
2. You will create your own graphic score using the transparent paper.

To create your own graphic score grab pens, pencils, water colors, anything! Then check all the shapes written on the Electronic part. This shapes are going to be yours as well. Use them to create freely a score over the image of the CMB. Did you take notes while studying what the CMB is? Use words or phrases that can trigger your imagination to improvise. Write them down on the transparent paper.

Then, what you create on the transparent paper over the image on the CMB is your graphic score. Tillykke! Don’t forget to play in context with the piece. At the moment that you arrive to this section a lot of music has been played. **Be attentive, be assertive.**

Transparent paper A3 format.



5.4
el 1

MIX ALL ELEMENTS with INCREASING SPEED RATE

self conducted ending. *fff*

take your time

and finish with maximum ENTROPHY

subito p
and silence...