http://prevert-maths.spip.ac-rouen.fr/spip.php?article577

Exercice Interactif sur la

somme de deux vecteurs.

- Ressources - Exercices Interactifs -

Date de mise en ligne : mardi 10 juillet 2018

Entrainez vous !

<!DOCTYPE html>

var parameters = { "id": "ggbApplet", "width":2174, "height":1001, "showMenuBar":true, "showAlgebraInput":true, "showToolBar":true, "customToolBar":"0 39 73 62 | 1 501 67 , 5 19 , 72 75 76 | 2 15 45 , 18 65 , 7 37 | 4 3 8 9 , 13 44 , 58 , 47 | 16 51 64 , 70 | 10 34 53 11 , 24 20 22 , 21 23 | 55 56 57 , 12 | 36 46 , 38 49 50 , 71 14 68 | 30 29 54 32 31 33 | 25 17 26 60 52 61 | 40 41 42 , 27 28 35 , 6", "showToolBarHelp":true, "showResetIcon":false, "enableLabelDrags":false, "enableShiftDragZoom":true, "enableRightClick":false, "errorDialogsActive":false, "useBrowserForJS":false, "allowStyleBar":false, "preventFocus":false, "showZoomButtons":true, "capturingThreshold":3, // add code here to run when the applet starts "appletOnLoad":function(api){ /* api.evalCommand('Segment((1,2),(3,4))');*/ }, "showFullscreenButton":true, "scale":1, "disableAutoScale":false, "allowUpscale":false, "clickToLoad":false, "appName":"classic", "showSuggestionButtons":true, "buttonRounding":0.7, "buttonShadows":false, "language":"fr", // use this instead of ggbBase64 to load a material from geogebra.org // "material_id":"RHYH3UQ8", // use this instead of ggbBase64 to load a .ggb file // "filename":"myfile.ggb",

"ggbBase64":"UEsDBBQACAgIAGZD7EwAAAAAAAAAAAAAAAAXAAAAZ2VvZ2VicmFfZGVmYXVsdHMyZC54bWz
tmltz4yYUgJ+7v4LhqX2ILWTL9mai7GR3ptPMZLOZJrPTVyxhmQaDKIAs+9cvAlmXtZ36ltpJk4egg7jpO4fDAXzxKZs
w8EQSSQX3IWo5EBAeiJDyyIepGp0N4KfLDxcREREZJhiMRDLByodeXrKsp6VWt9/P83Ac+zBgWEoaQBAzrPIqphS
jEaOcQAAySc+5uMUTImMckPtgTCb4RgRYmbbGSsXn7fZ0Om0tem2JJGpHkWplMoRAj5hLHxYP57q5RqVpxxR3H
Qe1//p6Y5s/o1wqzAPdv/6akIxwypTUj4SRCeEKqFIMfBgLyhUEDA8J8+FdLoFfRwkhv0FQVNKQHHj54ZcLORZTIIZ/k
0DnqSQlZT0jtPMy+vUXwwUQCEh/2+xBENhn60PU8zYrFY+xDxxZmeEYS8IIRZmYNTJQJT3+SOMJNkUVb39FWExL
7pFuU5nRiKQCqi1YAgkDEhoXmyX4iMTmZGvbX2AiGSUILMh7f4FoJZkc5taooYNvd0XnTp1XPVjJHayC/aBdbNAIck
JjzUhRqU0U6UewNDOU+GNnnNkLsvDbn3DnkdZLQ95W+8ztbdiS1yPQPXpO+Ookb3mv9JIj3mOuPOO+ODMm5ac
Hcnuo5h67xSsqalZSjz/zqQYEZOYkeyA4G0gVEC8MUIJ3d0tuqhDd46C3NkzeY7DwlNjGjxyImVOtmo3f/iDhnr1Mv0JH
TZSpVtC/YFtgfzDGyqjWmNUl3leDaOUB8o4lALtlzR5quui03WOoY2qzUMrY1/S61IKEuVSyeV+IVeGvVtA9/82bJEqlv
d8zZXeaxFjrnLp0x4JiR90U9/4Q4K5zDdcTUtar7cEz57Tmfeus9PT2cJv3X7HSamVAf3Iz32sK6+3cKjtQt4y/WOrcMtv
PlKIvuHNCdl0Fta62HMqrebV3Cd7mqMrf4Jm9WT/jxR8fheiWM8B6vbe8iVwTZOFFEUsz/bcvCZlFtjt8t5FIffauP/ce49
abS6xidemjJvpFj/1D3o4NQD7nHVvPzgBvbk7syo0KMjoT4RCfNepqB4Pkp+GJ7YaWSY/eNuY4D7ONoRLj1uBKAzD
HFZo6pPHeK+4kMGXmGzNs5stmmvh54QjNwzWtc2YJXrk06NunaxCsB7bZ5NKqNtdeqhc8/LQ3d3XY8r8mRvEml/w
chPE8nJKm5htuFXBqPZ52Dbi8lDdVu4ArW2cl6q5CMhtqEJQr6Uxrb4Izo0U8llKlitwHCSG8uqSzZjyloRrngZ3ue0Sz3
Fxsm2AsEjoXXJU0QD4Lrpi5zmuccKwyH/e5ALZhrPu5Z8wjVs3GKytVGrAH+KbQz2d7qxRTZ+gUCHstd9BBA6/j9FH/
ozfobYgUDSqk9sXGRBvuplDHBusJcjY2o/3dzVZZOw13lNHASVKewHefAhrG0l/y9zKh2Qad4NGhMZqnoi536MRGksjr
JtlJJaPDG4hucZpRRnMyWe3oxwopkVYTTxYITaDxFOEPD6T9HYo2po11aq3ffbjxlRTZHjia5gO6H8Mw4eo0SkPFxet
w7y6ejYtrUe2lAIRnDliD4v5No981KksA7Q5qvBi82+YEyCx6HIGovb8z6GymoG3Bihdv+7Ygbss+adHd0UdjnT2/Ra8m
zpBLBd+ylUe/Fzq8sfUEsHCGBPQwrVBAAAFiYAAFBLAwQUAAgICABmQ+xMAAAAAAAAAAAAAAAAFwAAAGdlb
2dlYnJhX21hY3Jvcy54bWz7fJbtswEIbPzVMQvEEscbcmOAyubkR5aICla5NIrTY1stjKpkPSivFrfoc9ULrljZ0N
jpC2K1gcNl5kh+f0SSY/PN4sKrUBpLkwOSZRgbIILJgotZjppazK5NV5kIrTY1stjKpkPSivFrfoc9ULrljZ0N
XeeYVVRrzjCqK2pcSI5IWVZcAEZoo/mpkB/oAnRNGVyzOSZopWTU+FxzY+rTOF6v19F21EiqWTybmWijC4zsjIXOc
Vs4ten2gtZ9795LEhJ/vroM6Y+50IYKZse3qymgpMvKaFuEEChYgDDJNDXbeUnDWt2NUdApjvt8LY5cIzM0MsaVa2fg
2OMd9kiX47OjNWM/IGsnpF+uXY6OWslv3ldj52O4LWUmFVI57WYaRxUt6Q4ymOXbUqnObSkiSfiRdJQQMiC9EF
7RBhRa0cp5+xa6NJL5jL61pJWGra8d+0oWEHrS1l/whSeMtAErEcFI1wpCFL4XVJ16vxkvfzWdsuzZO4LWUmFVI57WYaRxUt6Q4ymOXbUqnObSkiSfiRdJQQMiC9EF
SfIIFd7xogD3BoUY4DMQKwtEKm0VT/woTeLdb5P2RdsQX2+I770lodN26kqvkGTEDEJjpNeMP1g0mCyHRK4EWG
e2j1zXFNlXzKbiLn+cdxq/UB1uuuG6l/rEVd/uCZ30DxI68X+SyV9mi5qy2DX/P3b87D9V8SoMqA5FR3sF67jPvfBv
879aZA2v4AOv4++vsfP7oEH8RuNPMAeGXmE3u52qOy1MDIpmwYYWvwz/UuZUndQdSdSOEpFnICYHQpRV
M4dCSXHHsdN0h7Lfojzky3kofpLPf+MPDge0vZ4yEaDJB2kr6bFoa/002QFmN0yP7hyl2X2n+VLWN4saeH32Xpq7
b1LlNy2F0kSR/LKPhqwH5FReIR68PrjHcEZpgbnu7hC+9UaDJIJhhMCfBiJ68bfBFXXHGzfNS6qUq7aX3sQOw7dpX
Nf1Tqt4l/i2HIPnZ//TvuXN7j7R+Esx9QSwclaNU6AuQCAADIDAAAUEsDBBQACAgIAGZD7EwAAAAAAAAAAA
AWAAAAZ2VvZ2VicmFfamF2YXNjcmlwdC5qc0srzUsuyczPU0hPT/LP88zLLNHQVKjmAvlcCwpyUkv0ilNLwhJzSlM1

1JOK1HUMNK2xyhUdXlmQn1ecWoxFiXN+flFKsYZ6EFAOt2ywuo4hWLaWCwBQSwcIWTz69VUAAACUAAAAUEs
DBBQACAgIAGZD7EwAAAAAAAAAAAAAAAAMAAAAZ2VvZ2VicmEuG1s7VvrjtvGFf7tPMWEDQIbq9VyeJctOdj1n
xqwHWM3MYI6i2BIjiTWFKnwsivZ8f/2Kdp/RYA+Rf0meZKeM8OrLitxL4nr2rZEcubMmXOb75wZysNvFrOQXPAkDeJ
opNC+qhAeebEfRJORkmfjQ0f55vEXwwmPJ9xNGBnHyYxII8VEymocPPUN28Y2Np+PFC9kaRp4CpmHLMMhIyUej
8Mg4goJ/JFiM8twLeoeWgPVPjQ4Mw8HOuWHvseZZ49129B0hZBFGjyM4hdsxtM58/iZN+Uz9iz2WCZmnWbZ/OHR
0eXlZb+Urx8nk6PJxO0vUI8hoFuUjpTi5iGwaw261AW5pqr06IfnzyT7wyBKMxZ5ICnqnQePv7g3vAwiP74kl4GfTUeKR
m1DIVMeTKZgCQrDFXKEZHOwx5x7WXDBUxjceBRaZ7O5IshYhP335B0JK4UU4gcXgc+TkaL2NROmcapvRyFxEv
AoK2jVYs6jktvwIuCXki3eiRkNdWCDm4I0cEM+UsYsTNED0TgBm4JASQ6PabYMucuS8rmWh/bEXyAJ3nLkBpNKU
4wUi6o9zTB7tqr2TLOQpjG1STWFZHEcCs4q+YVQYqrwIXRAesSyoUUj1CQGtDjQYhMd20xqEJ0gCdWJYcDVwGZ
qYZ8J402VUArNRFOJphGNEk2HR9MkpkVMGwdqQGGsNBDMVPkgN4sBHxzZdh49o0o34aHgHjEzJBoQwdUvcmU
gN/E0NxReNukOMAUyEDaZNiQ4ywLOtEuCol3sqIDBUgv8oMZC9ZhPNIcAP9EbOqnaFU4rnHV4pfWI2fQKh2MOPB
R/hrBWfGG2PgANUUK2HFyovKK1IySS5Vtqm6vGjyYsiLKWkMOdyQpFJZ1ZA0hn5DLUsd9S46djJt0VDPqvX0claty6x
Ow7IICBgIaDJx0Qkaiwqj4cUoHi35KMJbpWrR6uDXAB/AEZYjbm5mSP1ahqSNSSXPLnYsp7Qcp8OU1k3mVCvPmV
o9p6MOerrq9EzEqQ1z6jdbi+Wc1GyY1sSpts5otZbhTeD5GpNTzekw45qN61zg7D2lrW6EHXmlxfUqL9yFHbqB0xV22
DHl8KhMy8PCBiSdlm0R3hmfpWgVfUBsnVhalSctzGRFsrQ1YpvEthops4dJ0zLrvIIZ02nlTdNpJE/InBY22iiTw3yY+m
Qi1Ywyl/aKbPrLWjaF5GfU+Q8ERFaUEEjWAqPKRAhSaFUq1EzMhhqggGGRhjVililuylISKcRpUtp3ycF5ZXZgxiOZ51j
KdN/PL2ywGahaKCrCg92PvzUll7IITZ2nWZAvFU12iyWKqVcHdG4bM5VC2Ts4wFAi5YCEuWTHDOl4yUgaepgh2ol
wc8twLAz9g0StwfVmZvchnLk+IuI1RScEEh5OyrqQDtVFXInIKGi+OE/9smUKokMVfeAKjB47V152BPtAoVW0DRi1Ih2
brfV23qeMMMKHVsB8vo1GMY5CbtQ0obUABDTbUtfQCDtnaJifnFGc8y0D4IbMHTynKTJKhMj/dP05M49KvueRxE2R
M2z/JE7CJAhARVOo4mIReGFD6Gatt748aLM4nZluT13XLOBSrCWnvD/WOY9xTXXGUxd/IkDuOEJIljzJgwqrq68Chq
UtqJSBY0qKArX4URVPx1ogkJcXXkVVLhdkX6X2tNSc7WcJUiJfG6HmQgarObzKMielQ9Z4L2ptccBMiTSwpRtnvS2e
A6PVsJxr/DUdoYnJtlt4anRQRWROjX6g8Yfp45IY9Dqwa3KckuXs09ENh5uPyT1tfAzaSv61M+xtzv2CpAuI8+Lw5DN
U+43kHV41CIavuFJxENJHYHv8zhPJbkUT8iep/wly6bHkX/KJ5BFXjLM5BlII0lrLX3uBTMYKNsLczOMg+9BO9nq80n
CS6tIYaQzCiIJOk8489Mp51nlErkOmmRCmVL8YeolwRxjl7gS2yr7+kHKoA7xGxqhrikI7WFKBFNnaGaFsDybxok4KG
AZtgjK2YxFPolE6XlKt/FMqVMmU0fKIUQooxCxUtI4z8qexU9MillwQXgI+YxDastE2Ef5jCd4klMEAQ4QmMHCvFC04J
ouZ24cBl7D4DIVx+5ftywIwsL5lOFhB+wKxB9qDFRKrTKfFrLcVMtlVy2X61oaH72Wi5/crr50V7XUPnotl121XK5r+btEb
FsqkYEqmY6FRIizBOaCerPa1Mj+sl69qOKuKZJtC5nwUlQ9lVhF9mBLzOWNYIXwfR77vNXKKoBCgTCQvedCK8Q2z
mUSkJJTcYq7FHmzgbgC7lKyEARLkVLfVkWa0BazaMvesrVGyE4mO/mUTGYIkx3ehs3ai+kVGCZOVhbTsVxLx+SA
3Af87hGAtwdrC2sHRF5lzqW52Q53yIct3tiypvb0RFGJpSCfSI/HYRhfliXERnObwtyGsHbJsyqwsikUMhFPU0GXlfsPvP
lz4Ptc7kjjOfOCDLhQu7UtEyxSWQZ5LMI4CsVOIWAGzy/Rf4Qv5ugGOQ7KUIwfIe5XP4Jd37H3X313DrSfSrSfSrS661
V136w60XHGr+3u79dvxOOUZOulwIBcFtW7J65rgZ/7BXj/Z6nV33etXAeDp/z4ATiaurIJJHH0/lyUsbOheyXO4p2KT8D
rji4wbPa0nBp6velUVXIXvONucfTZ2ndqvMra22djqNfDsVOLZ2RqE5Z0gLL8JhJVHStcGMacAMXoViG028B+HUadb
MSrfhVGr1Xby4dc5bF15ulpzqztq7pbD2gcP9eb92oX5HktOW1tyK+tM3bTO9reMm/zfm8SN45BDEJZawCT4a4dVuz
RA7LZM0A12y3NAMg4W3G+dZ9WaLeYJLE20SikQTyGBiAWVk9/+/g/CoDJz5YuGq+0gRn4qRoCEQgszfP1zHmeP
fsS2d8A/GAcwM6YI0ITnCXkvujwU+13C/ffCsx5T+QYAiJlPEQciwHAyM9gnKJv06BRUUwfFOWVnF5Ztz8yUFYYk3j/f
63dk8CB9xr7jP6weWIr3TCIAybh6EwrZ93njHaSqIDhfvlWq8R2TjN3Xilq4bxp1Lt/DkdoGR76IZ27C0TVuHEF2IhXkPyy
d447fyRG4NRFKvXaT8wfwVDQfkdX+ikmDrHTghhW07kHt0/CgutGDGu2r0oVG36GtNyOd/Km3/HmC/qvcR77ssF70
DtamZVUS+YHMIjDs23IUQB/57W//ImUuuBvPNF1Qvt0vfNA3qt9S7VxHllU4QW85wTE7ecFoeeE5yy9YkNaO6Hfwg
9HdDx+nbanWl6c0en+wV4C3E2qeZXGdT09g8xBHuzC93gjoV0Xof/7dMTTplear9wo2lXtZqm/eLJTmxfS7CiksXwRh
wJLlake96xMduOHDmqLG116N1wf0/Os/Uf0RfKmPKko36T0dv8Z12XOTAwpf55vICqP0kHClf/MO88u9KHWg3g3EVYu
Hdl17o9DKsfo+FPUts429ryvKr93DHUNiSfDXXa7li7GzSsQ45S0yhizrn7mDvu3Zcvd14fGj3jvNd8eLAppk66DjjtOuCsd
39x//QBhPUSLhtJysBWN3WKZbHasyU40UANSnkG86TxXvf1rUXuKccfDER5514reXcn8roBy76jVDZkbaPkDn83HKrc
TtaX/BTi2gvP4QLw+wbcn56txeHy+GmjHB+zArVqFKV7nPZnbYd8ib843hNfqxAzEkTF3FWhKKBREtxZVRaK4Rkjtqk
vWQuo2MU6mVdO+e4Rzt8BEnW03dm+DmKuOZvdJnDspt4LTZ8zeG7Pr3ttD7xnW/x/+Sd5++DWJu52hITrc4Oyo4x
q86VHiPodKR83fPolf1Rb/uevxfwFQSwcIxWtJMzwLAACuNgAAUEsBAhQAFAAICAgAZkPsTGBPQwrVBAAAFiYAA
BcAAAAAAAAAAAAAAAAAAAAAAGdlb2dlYnJhX2RlZmF1bHRzMmQueG1sUEsBAhQAFAAICAgAZkPsTGjVOgLk
AgAAyAwAABcAAAAAAAAAAAAAAAAAGgUAAGdlb2dlYnJhX2RlZmF1bHRzM2QueG1sUEsBAhQAFAAICAgAZkP
sTFk8+vVVAAAIAAAABYAAAAAAAAAAAAAAAAAAQwgAAGdlb2dlYnJhX2phdmFzY3JpcHQuanNQSwECFAAUAA
gICABmQ+xMxWtJMzwLAACuNgAADAAAAAAAAAAAAAAAAAAADcCAAAZ2VvZ2VicmEueG1sUEsFBgAAAAAEAAQ
ACAEAAFIUAAAAAA==", }; // is3D=is 3D applet using 3D view, AV=Algebra View, SV=Spreadsheet View, CV=CAS
View, EV2=Graphics View 2, CP=Construction Protocol, PC=Probability Calculator DA=Data Analysis, FI=Function
Inspector, macro=Macros var views = {'is3D': 0,'AV': 0,'SV': 0,'CV': 0,'EV2': 1,'CP': 0,'PC': 0,'DA': 0,'FI': 0,'macro': 0};

var applet = new GGBApplet(parameters, '5.0', views); window.onload = function() {applet.inject('ggbApplet')};
applet.setPreviewImage('data:image/gif;base64,R0lGODlhAQABAAAAADs=','https://www.geogebra.org/images/GeoGebra_loading.png','https://www.geogebra.org/images/applet_play.png');