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ABSTRACT

Many scientists consider this not to be science because they don't know how to work with so many decimal places.

To leave no doubt about "Aspin Bubbles" mechanical theory, I propose this trigonometry exercise performed with the Wolfram.

Mathematica program so that you can verify its high numerical accuracy.

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```
In[•]:= digits = 260;
```

`ln[•]:=` $\xi = \mathbf{N}[1, \text{digits}]$
 | valor numérico

Out[•]=

[illegible]
$$\ln[\bullet] := \pi * \zeta$$

Out[•]=

3.1415926535897932384626433832795028841971693993751058209749445923078164062862089986280348253421170679821480865132823066470938446095505822317253594081284811174502841027019385211055596446229489549303819644288109756659334461284756482337867831652712019091456485669

$$\ln[\bullet] := \alpha = \pi * \frac{29}{93} * \zeta$$

Out[•]=

0.97963641886133337543458772166780197464212809227825880439003648577340511593871033295055162358593698384030354248267224397071582956309351277926885529337174833592049273005842539968946894942946941071967538462026188368756043762771245094610535663567665213495855079363915

Angle in Degrees

[illegible]

```
In[*]:= Sin[α]
Out[*]:= 0.830294792712376351484299302861277720119692641977947699202085123036249077440688925758465188583869161769295090942278242255739120077208239286239087984144135323679136595438663086090992917223748683147897674313173623886333466360545155167130084615050058000596656146480
```

```
In[*]:= Cos[α]
Out[*]= 0.55732446312243641395190192513998564161817313143623065735189426840268194568653973413855422796858357701945082885312217794068796831237162736945906885279515946830234332347962540518263887516357396417952921062167107725862806789636932423720820341277830648970325941824
```

```
In[*]:= Sin[α]^2
Out[*]= 0.689389442805288013670230428023981120524896412214872564165383592351695247321079786857254639398847202540149836138809611376594912556183343302766057143771784419843687751013083839967936605276549561068769861662105820326772113238945748263403135711888657283091329784203
```

```
In[*]:= Cos[α]^2
Out[*]:=
0.31061055719471198632976957197601887947510358778512743583461640764830475267892021315
27453606011527974598501638611903886234050874438166566972339428562282155801563122489
86916160032063394723450438931230138337894179673227886761054251736596864288111342716
908670215797
```

Correct Equality with 260 Significant Decimal Places

[illegible]

References

1. Yoël Lana-Renault (2025) THE PROTON IN ASPIN BUBBLES Calculus. Version 5
<https://www.researchgate.net/profile/Yoel-Lana-Renault>.
2. Yoël Lana-Renault (2024) The mechanics of Aspin Bubbles. The origin of all know forces. LAP LAMBERT Academic Publishing
https://www.researchgate.net/publication/391454646_The_mechanics_of_Aspin_Bubbles.
3. Yoël Lana-Renault (2021) Study on Aspin Bubbles and the Force of Gravity. Newest Updates in Physical Science Research 14.

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